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MUZZY BROTHERS

Main and Van Houten Streets,

PATERSON, N. J.

Flower and Vegetable Seeds, Agricultural Implements and Poultry Supplies.

Plows,
Harrows,
Markers,
Corn Planters,
Planet Jr Implements,
Hoes,
Rakes,
Spades,
Shovels,
Scuffle Hoes,
Picks,
Mattocks

NEW STORE, MAIN AND VAN HOUTEN STREETS

Whips,
Brushes,
Curry Combs,
Halters,
Tie Rope
Horse Blankets
Dog Collars,
Dog Chains,
Mail Boxes,
Axes,
Saws,
Hatchets,
Screen Doors and Windows
Screen Wires.

MUZZY BROTHERS

Cor. Main and Van Houten Streets.

Seed Department, 69 Van Houten Street, Paterson, N. J.

1907

MUZZY BROTHERS'

ANNUAL

CATALOGUE OF SEEDS

1907

ARTICHOKE.

German, *Artichoke;* French, *Artichaut;* Spanish, *Albachofa.*

	Per oz.	¼ lb.	Per lb.
French Globe....	$ 35	$1 00	$3 50

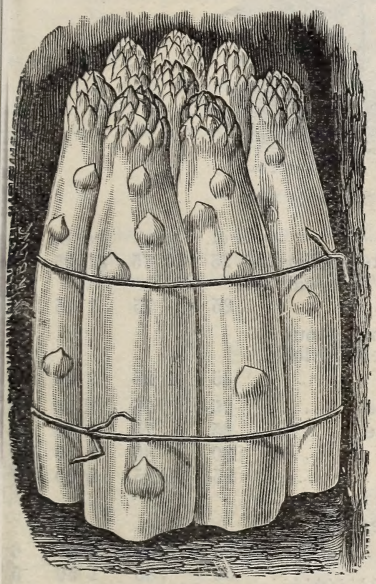
The seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. T next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the p nts. Plant in a deep, rich, moist loam, and the plants should be protected in winter by a covering of l ves or coarse manure. A bed will continue in bearing for several years.

ARTICHOKE—Jerusalem.

	Per qt.	Per peck
Tubers.....3 lbs. by mail for $1.00	$0 20	$1 00

ASPARAGUS.

German, *Spargel;* French, *Asperge;* Spanish, *Esparrago.*



Columbia White Asparagus.

	Per oz.	¼ lb.	Per lb.
Columbia, producing pure white shoots..	$0 10	$0 25	$0 75
Conover's Colossal	10	20	50
Palmetto, a light green variety.....	10	20	50
Roots, Colossal,.Two years old, per 100	80	per 1000	5 50
" **Palmetto,** " " " "	80	"	5 50
" **Columbia,**" " " "	1 00	"	6 50

Sow the seed early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds, which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

"Plant on sand soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of Corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

"In planting for private use, set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other, which will allow the use of a horse and cultivator to keep the weeds under.

"If the plot is made sufficiently rich when the plants are set, they will make a large growth the first summer, and the shoots ay be cut from them the succeeding year. Any well treated plot ought to produce a moderate crop e second year after planting. Remove the dead brush late in the fall or early in the spring of each ar, and apply broadcast a dressing of manure. A plot of Asparagus will reach its maturity in its fifth sixth year, after that the size of the shoots will diminish, but their numbers will increase."

BEANS—English or Broad.

German, *Gartenbohne;* French, *Feve de Marais;* Spanish, *Hava.*

	Per qt.	Per peck.
Early Mazagan, prolific, very early.....	$0 30	$1 50
Broad Windsor, ...	30	1 50
Sword Long-Pod.....	30	1 50

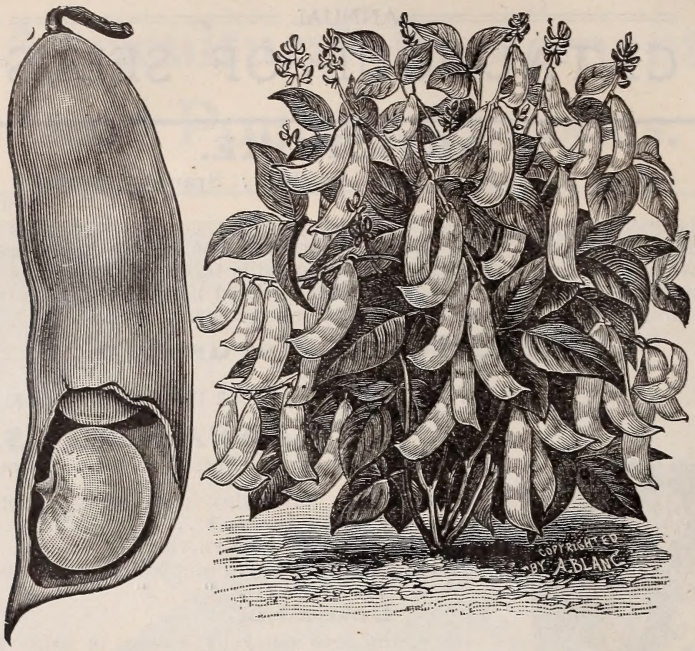
This class is very handy and should be planted as soon as the soil is in good state in the spring. lant four inches apart and two inches deep, in drills four feet apart. To insure well-filled pods, pinch ff the top as soon as the lower pods begin to set.

BEANS—Bush or Snap Varieties.

German, *Bushbohnen;* French, *Haricots nains;* Spanish, *Habichuelas enanas.*

	Per qt.	½ pk.	Per pk.	Per bu.
New Everbearing, earliest variety	$0 30	$1 00	$1 75	$6 00
Muzzy's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than Valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive	30	85	1 50	5 00
Livingston's ROUND POD Six-Weeks Bean..	30	85	1 50	5 00
Early Valentine, early, productive, tender, and of excellent flavor.....	25	75	1 25	4 50
Early Mohawk, very productive and of good quality	25	75	1 25	4 50
Long Yellow Six-Weeks, early, excellent variety for general crop...	25	75	1 25	4 50
Ne Plus Ultra, extra early variety for forcing, green flat pods	30	85	1 50	5 00

BEANS—Bush or Snap Varieties.—Continued.



Burpee Bush Lima Beans.

	Per qt.	½pk.	Per pk.	Per bu.
Extra Early Refugee, similar to late Refugee, pods two weeks earlier	$0 25	$0 75	$1 25	$4 50
Refugee, or Thousand to One, very early and prolific. The pods are round, full, stringless and of very fine quality	25	75	1 25	4 50
Burpee's Bush Lima—Beans as large as Large Pole Lima; stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans	35	1 25	2 00	7 00
Long White Kidney, excellent as a shell bean, green or ripe	25	75	1 25	4 50
White Marrowfat, extensively grown for sale in the dry state	25	75	1 25	4 50
Golden Refugee, pods round and light color	30	85	1 50	5 25
Dwarf White Lima	35	1 25	2 00	7 00

Dwarf Wax Varieties.

Refugee Wax, good for early or late, immense yielder	30	1 00	1 75	6 00
Golden-Eyed Wax, very early, prolific, free from rust	30	85	1 50	5 50
Thornburn's Valentine Wax, improved extra early Valentine, round wax pods	35	1 25	2 25	8 00
Wardwell's New Dwarf Kidney Wax, extra early, long pods, very productive	30	1 00	1 75	6 00
Black Wax or Butter Improved, very early and prolific. The pods are round, full, stringless; of very fine quality	30	85	1 50	5 50
Davis' White Wax, beans pure white pods, yellow, tender, rich	30	1 00	1 75	6 00
Golden Wax. This valuable variety is about ten days earlier than the Dwarf Black Wax, pods large, long, brittle, entirely stringless	30	85	1 50	5 50
Yosemite Mammoth Wax, the largest pods of all Wax Varieties	50	1 75	3 00	10 00
Flageolet Wax Red, pods large and very tender	30	1 00	1 75	6 00
Algerian Wax, very productive, round pods	30	1 00	1 75	6 00
Detroit Wax, similar to Golden Wax, less rust	30	85	1 50	5 50

Early Red Valentine Beans

BEANS—Pole or Running Varieties.

German, *Slaugenbohnen*; French, *Haricots a rames*; Spanish, *Judlos.*

	Per qt.	½ pk.	Per pk.	Per bu.
Challenger Lima, potato variety, five and six in a pod	$0 35	$1 25	$2 00	$7 00
King of Garden Lima, vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop	35	1 25	2 00	7 00
New Early Jersey, very early	30	1 00	1 75	6 50
Large White Lima, a greatly esteemed variety	30	1 00	1 75	6 50
Dreer's Improved Lima, This variety has proved to be a decided acquisition	35	1 25	2 00	7 00
Small White Lima, Small, but good quality	30	1 00	1 75	6 50
Dutch Case Knife, a very productive variety, and one of the earliest	30	1 00		6 00
Horticultural or Speckled Cranberry, a popular variety for private use, equally serviceable in the green state or when shelled	30	1 00	1 75	6 00
Scarlet Runner, beautiful scarlet flowers; for ornamental & table use	30	1 00	1 75	6 50
Black Wax, pods long, thick and fleshy; pale yellow color; waxy appearance; very productive and tender; excellent as a snap or shelled green	30	1 00	1 75	6 50
Mont D'or, Golden Wax pods; early	30	1 00	1 75	6 00

Yard Long French, pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea brush. Pkg. of 1 gill 25c.

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drills; cover two inches or less; for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled warm weather; make rich hills, four feet apart each way; set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four. A quart of Limas is sufficient for 75 or 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

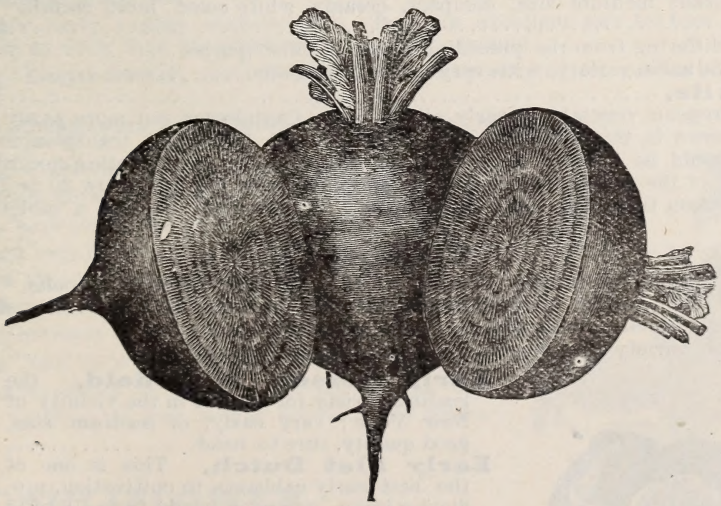
BORAGE.

German, *Borritch;* French, *Bourrache*, Spanish, *Berraja.*

	Per oz.	¼ lb.	Per lb.
Used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower	$0 10	$0 30	$1 00

BEETS.

German, *Runkelrub*; French, *Beterave*; Spanish, *Remolacha.*



Early Egyptian Beet.

	Per oz.	¼ lb.	Per lb.
Detroit Dark Red, a splendid beet for market or home use, of a deep red color, tender and of delicate flavor	$ 10	$0 20	$0 60
Dark Red Egyptian, the earliest beet in cultivation, color deep crimson; of excellent quality	10	25	50
Extra Early Eclipse, very early, good size	10	20	60
Early Flat Bassano, chiefly valuable for its earliness	10	25	50
Early Blood Turnip, standard Early sort, an excellent variety	10	20	60
Edmand, market garden variety, uniform shape, dark	10	20	50
Dewing's Blood Turnip, of fine form and flavor	10	20	50
Bastian's Blood Turnip	10	15	50
Long Smooth Blood Red, an excellent late variety	10	20	50
Swiss Chard, used for its leaves, which are cooked as spinach	10	20	50

BEETS—Continued.

MANGEL WURZEL AND SUGAR.

Varieties used for feeding stock. Sow 6 lbs. per acre.

	Per oz.	¼ lb.	Per lb.
Mammoth Red Mangel-Wurzel, producing roots of mammoth size, very regular, and with a small top	$0 10	$0 15	$0 30
Yellow Globe Mangel-Wurzel, roots very large and globular	10	15	35
Long Yellow Mangel-Wurzel, good for general crop	10	15	25
Golden Tankard Mangel-Wurzel, a new and very valuable variety of fine form and of sweet flavor, bright yellow in color, when cut it shows the interior rings similar to most varieties of garden beet	10	15	35
White Silesian Sugar Beet, extensively grown for feeding stock and the manufacture of sugar	10	15	25
Vilmorin's Improved Sugar Beet, an improved variety	10	15	35
Lane's Improved Sugar Beet, improved variety of the French Sugar Beet, obtained by careful selection in this country	10	15	35

A rich, deep open soil is the best suited to the culture of Beets; fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand, in the cellar or outhouse. Before storing leaves and fibres must be trimmed off, but care must be taken not to bruise the main root.

BRUSSELS SPROUTS.

German, *Sprossen-Kohl;* French, *Chou de Bruxelles;* Spanish, *Berza de Brusels.*

	Per oz.	¼ lb.	Per lb.
Improved Seed, (French)	$0 20	$0 50	$1 50
Dwarf Improved, a variety producing compact sprouts of excellent quality	20	60	2 00

A tender delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts, one or two inches in diameter, resembling cabbages. The leaves, which look like the Savoy, should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May, transplant and cultivate like cabbage.

BROCCOLI.

German, *Spragel Kohl;* French, *Chou Brocoli;* Spanish, *Broculi.*

	Per oz.	¼ lb.	Per lb.
Early White, heads medium size, compact, creamy white color, most certain to head	$0 25	$0 75	$2 50
Purple Cape, differing from the preceding color, greenish purple	40	1 25	4 00
Walcheren, a valuable variety, with very large, firm heads	40	1 25	4 00
Mammoth White,	35	1 00	3 00

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seed should be sown in this district in the early part of May, and transplanted in June, farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees,, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

CABBAGE.

German, *Kopfkohl;* French, *Chou;* Spanish, *Berza de reppollo.*

	Per oz.	¼ lb.	Per lb
Etampes, early French variety, with pointed heads	$0 20	$0 50	$1 50
Express, very early, small solid heads	15	40	1 25
All Seasons, fine variety for second early or late growing; good size	15	40	1 25

All Seasons Cabbage.

Early Jersey Wakefield, the leading variety for market in the vicinity of New York; very early, of medium size, good quality, sure to head	30	85	3 00
Early Flat Dutch, This is one of the best early cabbages in cultivation, producing large, compact heads from 10 to 12 pounds and upwards in weight and of excellent quality	20	60	2 00
Early Summer, a valuable early sort, resembling the Early Flat Dutch	20	60	2 00
Early Winnigstadt, heads large one of the best for general use	15	40	1 25
Large York, larger and later than the Early York	15	35	1 00
Fottler's Improved Brunswick, This is the very fine second early variety	20	60	2 00
Henderson's Succession, a second early and late variety, a sure header; seeds sown in March produce large heads in June	25	75	2 50

CABBAGE.—Continued.

	Per oz.	¼ lb.	Per lb.
Danish Ballhead, Large, round, extremely solid heads; sweet flavor and crisp, tender texture. Sure header in dry as well as wet seasons. Nothing finer for the market gardener or private grower	$0 25	$0 75	$2 50
Large Late Drumhead, an excellent fall and winter variety, grows to a large size, with round, compact heads	20	60	2 00
Large Late Flat Dutch, the most popular variety for late cultivation. Large solid heads, broad and flat on top, best to keep	20	60	2 00
Red Stone Head, used almost exclusively for pickling	20	60	2 00
Drumhead Savoy (American) the largest heading sort, of excellent flavor	25	75	2 50

For very early use plant in the Autumn, from 10th to 25th September, in a seed-bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring as soon as the soil will admit. For autumn and winter use, plant in the seed-beds in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in heat early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

CARROT.

German, *Moehren;* French, *Carotte,* Spanish, *Zanahoria.*

	Per oz.	¼ lb.	Per lb
Early French Forcing, the earliest variety, valuable for forcing; root small and of fine flavor	$0 15	$0 35	$1 25
Early Round Parisian, small, for frames or open ground	15	30	1 00
Early Scarlet Horn, an old and favorite sort, much esteemed for early summer	10	25	80
Half Long Danvers, a variety intermediate in size and period of maturity between the preceding and the Long Orange	10	25	80
Half Long Stump-Rooted Chantenay, like Nantes, broader shoulder	10	25	80
Half Long Pointed	10	25	80
Half Long Stump Guarande or Oxheart	10	25	80
Half Long Stump Nantes	10	25	80
Carentan, a new early variety without core. It is an excellent sort for forcing, or used as an early kind for planting in the open ground	10	25	90
Long Orange Improved, roots of large size, equally adapted for garden or farm culture	10	20	60
Large White Belgian, grown almost exclusively for stock	10	20	50

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop, such as Celery, Potatoes, Onions or Peas, but avoid ing such crops as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

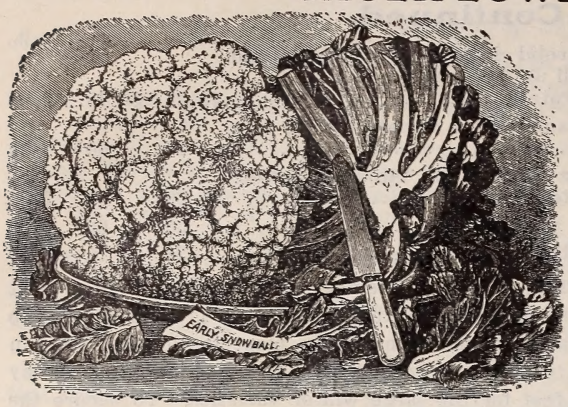
Nantes Carrot.

CAULIFLOWER.

German, *Blumen-Kohl;* French, *Chou-fieur;* Spanish, *Coliflor.*

	Per pkt.	Per oz.	¼ lb.	Per lb.
Extra Early Dwarf Erfurt, short stem; fine	$0 25	$2 25		
Extra Early Paris. This is one of the earliest and best varieties, heads large, white and compact, of fine quality	10	60	$1 75	$6 00
Early Snowball, admirable for forcing, very solid, pure white heads	25	2 25		
Large Early Dwarf Erfurt, the earliest and best of all varieties for forcing	25	2 25		

CAULIFLOWER—Continued.



Snowball Cauliflower

	Per oz.	¼ lb.	Per lb.
Lenormand's Short-Stemmed, a late variety, producing very large well-formed heads of superior quality, 10c. per pkt.....	$0 60	$1 75	$6 00
Algiers, popular late variety, sure to head, excellent for market, 10c. per pkt.	60	1 75	6 00
Early London, 5c. pkt. . .	30	1 00	3 00

Culiflower delights in rich, moist soil, and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot-bed in January or February and transplanting the plants at two to three inches apart in boxes, or in the soil of another hot bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

CELERY

German, *Seleri;* French, *Celerei;* Spanish, *Apio.*

	Per oz.	¼ lb.	Per lb.
Thorburn's Fin de Siecle.....	$0 20	$0 60	$2 00
Rose Ribbed Self-Blanching, a sport of Golden Self-Blanching; very choice	25	75	2 50
Evans' New Triumph, solid and crisp, fine nutty flavor	20	50	1 50
Giant Pascal, stalks very large, thick and crisp.....	15	50	1 50
Golden Self-Blanching, similar to White Plume, much larger in growth . .	25	75	2 50
Large Ribbed Kalamazoo, half dwarf White, solid	20	50	1 50
White Plume, requires very little banking.....	20	60	2 00
Pink Plume, similar to White Plume, stalks tinged with pink, good keeper.....	25	75	2 50
Golden Heart, one of the best for market or private use...	15	50	1 50
Sandringham Dwarf White, Soup Celery, an imported variety of fine flavor; soup greens	15	40	1 25
Boston Market, an excellent dwarf-growing white variety...	20	50	1 50
Covent Garden Rose, pink variety, good flavor	20	60	2 00
Celery Seed for Flavoring (old seed).....	05	10	25

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting, June and July; the tops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots; keep free from weeds until the plants are able to take care of themselves. Earth up gradually during their growth, keeping the leaf stalks close together, so that the soil does not get between them. The soil best suited for Celery is a rich, moist loam.

COLLARDS—Georgia Grown

German, *Blatter-Kohl;* French, *Chou Cabu;* Spanish, *Cabu.*

	Per oz.	¼ lb.	Per lb.
Sow seeds as for Cabbage in June, July and August, for succession. Transplant when one month old in rows a foot apart each way, and hoe often	$0 10	$0 25	$0 75

CHICORY.

Ger., *Chicorie;* French, *Chicoree Saur;* Span., *Escorola*

Chicory.

Common, This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots which will come up soon form the "Barbe de Capucin."

Oz., 10c.; 1/4 lb., 30c.; lb., $1.00.

Large Rooted, Used to mix with or a substitute for coffee. Cultivation same as the carrot.

Per oz., 10c.; 1-4 lb., 25c.; lb., 75c.

See also Endive.

CHERVIL.

Ger., *Bisenlauch;* French, *Cerfeuil;* Span., *Cerafolio.*

	Per oz.	¼ lb.	Per lb.
Curled	$0 10	$0 30	$1 00
Common or Tuberous Rooted	10	30	1 00

The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.

CELERIAC.

German, *Knob-Seleri;* French, *Celery Rave.*

Prague, or Turnip Rooted.

Per oz.	¼ lb.	Per lb.
$0 20	$0 50	$1 50

Apple Celeriac, An improved variety, nearly round.

Per oz.	¼ lb.	Per lb.
20	60	2 00

Celeriac.

A variety of Celery having turnip shaped rots, which may be cooked and sliced, and used with vinegar making a most excellent salad. It is more hardy, and may be treated in the same manner as celery.

CORN SALAD OR FETTICUS.

German, *Ackersalat, Lammersalat;* French, *Mache;* Spanish, *Macha Valereanilla.*

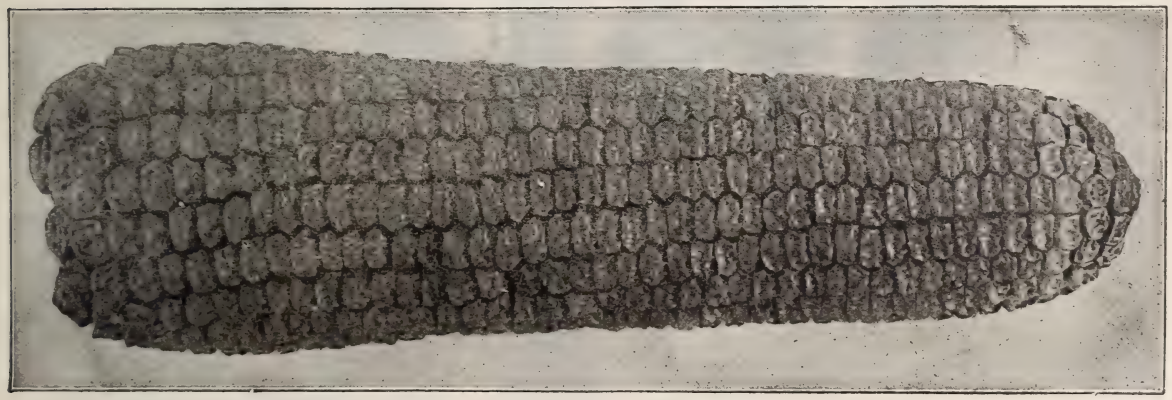
Corn Salad.

	Per oz.	¼ lb.	Per lb.
Large Seeded,	$0 10	$0 20	$0 50
Lettuce Leaved,	15	25	85
Small Seeded,	10	20	50

Corn Salad, Fetticus, or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over the same way as Spinach.

CORN—Sweet.

German, *Zucker Welshkorn;* French, *Maise de Sucre;* Spanish, *Maiz de Azucar.*



Early Champion Market Sweet Corn.

Extra Early Varieties

	Per ear	100 ears	Per qt.	½ pk.	Per pk.	Per bu.
Cory, very early Red Cob, good size; extra early	$0 05	$4 00	$0 25	$0 75	$1 25	$4 00
Early White Cory, Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs	05	4 00	25	75	1 25	4 00
Perry's Hybrid, very early and of large size; extra early	05	4 00	25	75	1 25	4 00
Early Minnesota, very early; ears fair sized and uniform plant rather dwarf; one of the best early kinds; extra early	05	4 00	25	75	1 25	4 00
Early Marblehead, very early; ears good size, extra early	05	4 00	25	75	1 25	4 00

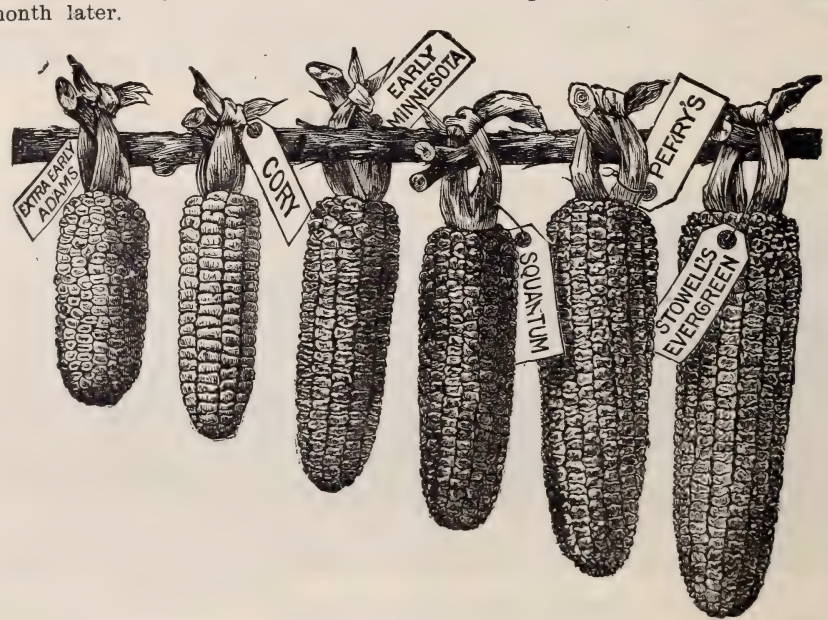
Second Early or Intermediate.

Early Champion, Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use	05	4 00	25	75	1 25	4 00

CORN, Sweet—Continued.

	Per ear	100 ears	per qt.	½ pk.	per pk.	per bush
Early Mammoth, large and not very late; general crop	$0 05	$3 50	$0 25	$0 75	$1 25	$3 50
Crosby's Early Sugar, early sorts; ears short, from 12 to 16 rows, second early	05	4 00	25	75	1 25	4 00
Moores Early Concord, ears large and well filled from 12 to 20 rows; second early	05	4 00	20	75	1 25	4 00
Livingston's Evergreen, a second early variety, resembling Evergreen; general crop	05	4 00	25	75	1 25	4 00
Columbus Market, Large and for second early	05	4 00	25	75	1 25	4 00
Triumph, excellent medium early, large size, rich, sweet; good for market; general crop	05	4 00	30	1 00	1 50	5 00
General Crop and Late.						
Stowell's Evergreen, a late variety, of excellent quality, remaining longer in the green state than any other; general crop	05	4 00	25	75	1 25	4 00
Hickox Improved, a new variety of superior excellence, is 12 rowed, straight and handsome; a superior market kind; general crop	05	4 00	25	1 25	1 75	4 00
Mammoth Sugar, a late variety of large size, very sweet and immensely productive. A leading variety	05	4 00	25	75	1 25	4 00
Country Gentleman, the sweetest and most tender of all sweet corn, late crop	05	4 00	30	1 00	1 50	4 50
Moonachie, very sweet; well-filled ears and productive; general crop	05	4 00	30	1 00	1 50	4 50
Sweet Fodder, for ensilage	Price on application.					

Sweet Corn may be either sown in rows, four and a half feet apart, and the seeds planted at about eight inches in rows, or planted in the hills, at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or the richer the soil, the greater should be the distances apart. The first plantings in this vicinity are made about the middle of May, and successive plantings every two or three weeks until the first week in July. In more southern latitudes planting is begun a month earlier and continues a month later.



Field Corn.

	Qt. shelled	Per 100 ears	Bush. shelled
Mastodon Dent, very early strong growing	$0 15	$2 00	$1 50
Pride of the North, (Dent) very early	15	2 00	1 60
Leading Yellow, (Dent) early	15	2 00	1 50
King Philip Early, Red Kernels	15	2 00	1 60
Champion White Pearl,	15	2 00	1 50
Early Canada, Yellow Kernels	15	2 00	1 60
Mammoth White Surprise, large dented	15	2 00	1 60
Large Yellow Flint,	15	2 00	1 60
Large White Flint,	15	2 00	1 60
Chester County Mammoth, large, late yellow dent	15	3 00	1 50
Southern Horse Tooth, for fodder	Price on application.		
Sweet Fodder,	Price on application.		
Pop Corn, per lb., 10c.; per 100 lbs., $5.00			

CRESS.

German, *Kress;* French, *Cressen;* Spanish, *Mastueroz.*

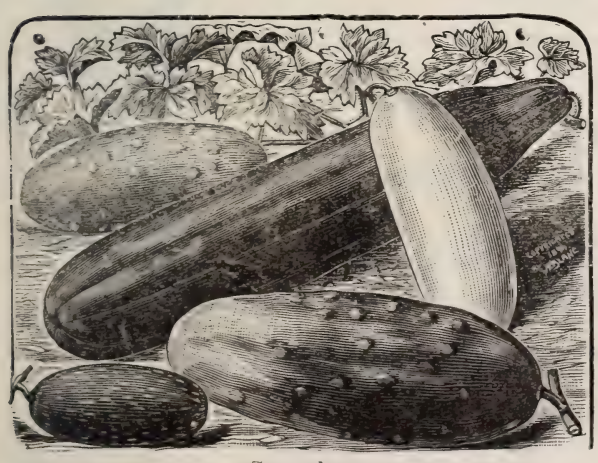
	Per oz.	¼ lb.	Per lb.
Curled Cress or Peppergrass	$0 10	$0 20	$0 40
Water Cress	30	1 00	3 00

Are excellent for small salads; the leaves while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as Mustard.

CUCUMBER.

German, *Gurken;* French, *Concombre;* Spanish, *Pepino.*

	Per oz.	¼ lb.	Per lb.
Livingston's Emerald, retains every good point of White Spine, of a rich, dark green color, which it retains until fully matured. Very early and prolific bearer. Flesh crisp, small seed cavity	$0 15	$0 30	$1 00
Fordhook Pickling, Prolific, medium size, skin thin	10	25	80
Cool and Crisp, very prolific; good for pickling and slicing	10	25	80
Thorburn's Everbearing, small size; very early and productive	10	25	80
Japanese Climbing, can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and of mild flavor	20	50	1 50
Nichols' Medium Green, a valuable and handsome variety, in shape between White Spine and Long Green ,an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green, fresh tender and crisp	15	30	90
Improved Early White Spine, the best table variety; grows uniformly straight and smooth; dark green; tender and excellent flavored	10	25	75
Peerless White Spine, a new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature	10	25	75
Talby's Hybrid, a cross between the Early White Spine and an English Frame variety, combining the hardiness of the first with the beauty and size of the later	10	25	80
Early Green Cluster, a short, prickly, slender variety, bearing in clusters near the root. It is a great bearer	10	25	75
Early Short Green, the standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well	10	25	80
Long Green, a very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp	10	25	75
Green Prolific Pickling, very prolific, and said by those who have tested it is equally desirable as a market Cucumber	10	25	75
West Indian Gherkin or Burr, a very small oval-shaped prickly variety. It is grown exclusively for pickling, and should always be pickled when young and tender	20	50	1 50



Cucumbers.

Cucumbers succeed best in warm, moist, rich loomy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelfull of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large enough, whether required for use or not, as if left to ripen on the vines, it destroys their productiveness.

English Frame Cucumber—Per pkt., 25 cts.

Improved Sion House. Telegraph. Giant of Arnstadt. Duke of Edinburgh. Gen. Grant. Long Gun. Carter's Tender and True. Swan Neck. Blue Gown.

These varieties are for growing in hotbeds, or in houses particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerate. Sow seeds in November, December or January, according to the time they are wanted for market, taking care to give plenty of air and water. It will be necessary to fertilize the pistillate flowers with the staminate in order to render the vines productive, as owing to the absence of insects they will not produce a crop under glass as in the ground, where bees and other insects have free access to the flowers.

Dandelion.

DANDELION.

German, *Pardelblume;* French, *Pisse en-lit;* Spanish, *Armagon.*

	Per oz.	¼ lb.	Per lb.
Thick Leaved	$0 40	$1 25	$4 00
Best French	20	60	2 00
Endive Leaved, new	50	1 50	5 00

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.

ENDIVE or CHICORY.

German, *Endevien;* French, *Chicoree;* Spanish, *Endivia.*

	Per oz.	¼ lb.	Per lb.
Green Curled Winter, very hardy; leaves dark green, tender and crisp	$0 15	$0 35	$1 25
Broad-Leaved Batavian (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching	15	35	1 25
Early White Curled (Self-Blanching), the best variety, grows to a large size; very large and tender	15	35	1 25
Moss Curled Early Summer, used for salads same as winter varieties	15	50	1 50

Green Curled Endive.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no especial soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a concal form with bass matting. This excludes the light and air from the inner leaves, which in the course of three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants as they grow, with slats or boards, which serves the same purpose by excluding the light as the tying up.

EGG PLANT.

German, *Eiepflanze;* French; *Aupergine;* Spanish, *Bereinfiena.*

New York Egg Plant.

	Per oz.	¼ lb.	Per lb.
Pearl White, very fine grain and well flavored (Per pkt., 10c.)	$0 30	$0 85	$3 00
New York Improved, a superior market variety of large size and fine quality	35	1 00	3 50
Early Long Purple, early, of easy culture, hardy; productive; excellent for table	20	60	2 00
Early Dwarf Purple, medium size	35	1 00	3 50
Black Pekin, a fine variety, bearing large round, deep purple fruits, fine grained and of superior quality	30	85	3 00

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hotbeds, or if these are not convenient, sufficient plats may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.

KALE.

German, *Blatter-Kohl;* French, *Chou Vert;* Spanish, *Breton.*

	Per oz.	¼ lb.	Per lb.
Siberian German Greens or "Sprouts." This variety is extensively used for early greens for which it is sown in the fall, in rows one foot apart, and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring	$0 10	$0 20	$0 50
Dwarf Green Curled Scotch, a beautifully fringed, dwarf growing kind, with bright green leaves	10	25	75
Tall Green Curled Scotch, tall growing, very hardy variety, leaves a bright green, beautifully curled	10	25	75
Tall Brown German Curled, a very hardy and useful variety	10	30	90
Dwarf Brown German Curled,	10	30	90

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

SEA-KALE.

German, *Seekohl, Meerkohl;* French, *Crambe Maritime;* Spanish, *Breton de Mar.*

	Per oz.	¼ lb.	Per lb.
Sea-Kale Seeds, very much like Celery	$0 25	$0 75	$2 50

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart, three plants in each.

Early Vienna Kohl-Rabi.

KOHL-RABI.

German, *Kohl Rabi;* French, *Chou Rave;* Spanish, *Colinabo.*

	Per oz.	¼ lb.	Per lb.
Early White Vienna, flesh white and tender; best market sort; good for table use	$0 20	$0 60	$2 00
Early Purple Vienna, differing from the above in color, which is of a bluish purple	25	75	2 50

Kohl-Rabi, or Turnip-stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like turnip, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as Cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

LEEK.

German, *Lauch;* French, *Poireau;* Spanish, *Puerro.*

	Per oz.	¼ lb.	Per lb.
Large American Flag, the kind mostly grown for market	$0 20	$0 50	$1 50
Large Carentan, a large-growing French variety of excellent quality	20	50	1 50
Large Rouen, very large and fine	20	50	1 50

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

LETTUCE.

German, *Laitick;* French, *Laitue;* Spanish, *Lechuga.*

Big Boston.

	Per oz.	¼ lb.	Per lb.
Thorburn's Maximum; large and solid; heat resisting	$0 20	$0 50	$1 50
Thorburn Market Garden, private stock, solid, large heads	20	50	1 50
Selected Buttercup, yellow, solid heads, for outdoor forcing	20	50	1 50
Big Boston, similar to Boston Market, double this size.	20	50	1 50
Grand Rapids Forcing, large tender heads	15	30	1 00
Early Curled Simpson, very early and an excellent sort for forcing; is largely grown by the market gardeners	15	35	1 25
Deacon This magnificent Lettuce stands hot weather b tter than any other Butter variety. Large, firm heads of creamy white and rich buttery flavor	15	35	1 25
Denver Market, for forcing or open ground; large solid heads	15	35	1 25
Tennis Ball (black seeded), well formed heads, hardy and crisp one of the earliest of heading varieties	15	35	1 25
Tennis Ball, or Boston (white Seeded), grows very compact, white and crisp; one of the best for forcing or the open ground	15	35	1 25
Salamander Head, fine compact head, resists heat	15	35	1 25
Black-Seed Butter, fine market strain	20	50	1 50
Large White Cabbage, excellent for summer; heads of good size	15	35	1 25
Black-Seeded Simpson, stands the summer well	15	35	1 25
Gray-Seeded Butter, one of the best large heads	15	35	1 25
Shotwell's Brown Head, large and handsome heads; hardy, standing summer heat without injury	20	60	2 00
Trianon Cos, the best of the Cos variety	20	50	1 50
Boston Market, large solid heads, very fine for forcing, and of fine flavor	20	50	1 50
White Cos Romaine. Sow early; tie up to blanch.	20	50	1 50
New York Early Cabbage, large solid heads; inside white; very early	15	35	1 25

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach, and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March, and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for succession as long as the weather permits; thin out well, or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.

MARTYNIA.

A strong-growing annual plant, bearing curiously shaped seed pods, which when young and tender make excellent pickles. Sow in the open ground in May, and thin out the plants to two or three feet apart, or a few seeds may be sown in a hotbed and afterwards transplanted. Per. oz., 25c.; Qr. lb., 75c.; lb., $2.50.

MELON, MUSK.

German, *Melone;* French, *Melon;* Spanish, *Melon Muscatel.*

	Per oz	¼ lb	Per lb.
Paul Rose, handsome, oval, orange flesh, sweet	$0 15	$0 30	$1 00
Livingston's Tip Top. Very sweet	15	30	1 00
Long Island Beauty, similar to Hackensack; very early	20	60	2 00
Winter Pineapple, flesh light green color, flavor of pineapple, does not ripen on the vine	20	50	1 50
(5) **Miller's Cream, or Osage,** flesh a salmon color and very thick	20	50	1 50
Golden Netted Gem, early, small, fine flavor	15	30	1 00
(3) **Hackensack,** variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor	15	30	1 00
Montreal Market, green flesh, very thick; fine flavor	20	50	1 50

MUSKMELON—Continued.

Baltimore Market, oblong; orange flesh. Per oz., 15 cts.; qr, lb. 30 cts.; per lb., $1.00.

(4) **Delmonico,** oval, deeply netted; orange flesh. Per oz., 15 cts.; qr. lb., 30 cts.; per lb., $1.00.

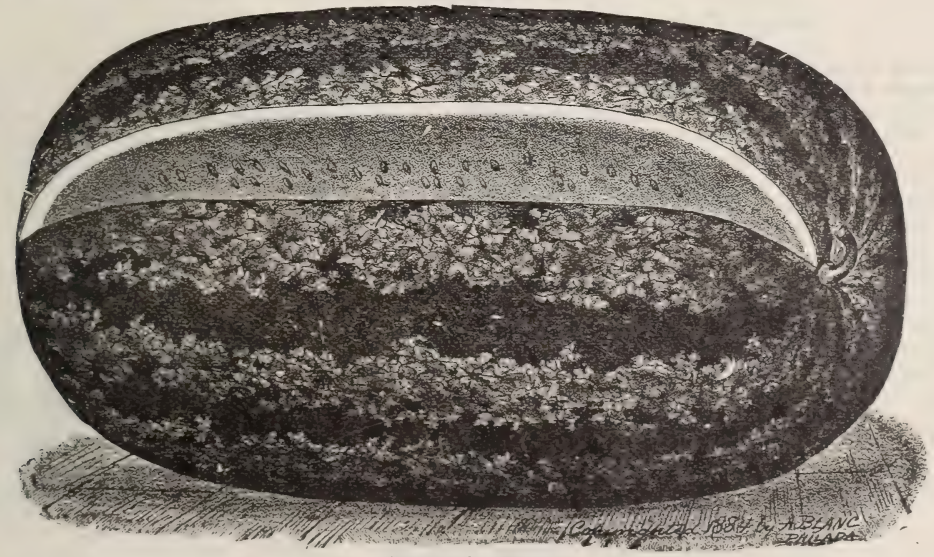
Orange Christina, very clear, excellent sort; green, with yellow flesh. Per oz., 15 cts.; qr. lb., 35 cts.; per lb, $1.25.

Bay View, a new green-flesh variety of large size and superior quality. Per oz., 15 cts.; qr. lb., 30 cts.; per lb., $1 00.

Muskmelons.

	Per oz.	¼ lb.	Per lb.
(1) **Jenny Lind,** a very early kind, of small size, but delicious flavor	$0 15	$0 30	$1 00
White Japan, size medium and nearly round; skin cream white and very thin; flesh pale green; early and sweet	15	30	1 00
(2) **Long Yellow Cantaloupe,** yellow flesh; suitable for the market	15	30	1 00
Pomegranate, for perfume. Not edible	20	50	1 50
Rocky Ford, very sweet; fine flavored, small and oblong	15	30	1 00

Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up, thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously, thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.



Mountain Sweet

MELON, WATER.

German, *Wassermelone;* French, *Melon d' Eau;* Spanish, *Zaudia.*

	Per oz.	¼ lb.	Per lb.
Ruby Gold, flesh yellow and red	$0 10	$0 25	$0 75
Kolb's Gem, nearly round, dark green	10	20	60
Seminole, a new early variety. Long striped sort	10	20	50
Pride of Georgia, dark green, oval in shape; crisp and sweet; very large	10	20	50
Scaly Bark, thin rind; flesh light crimson	10	20	60
Mountain Sweet, one of the very best for general culture; color dark green; rind thin; flesh scarlet; solid, very sweet and delicious	10	20	50
Black Spanish, shape round, rather small; skin dark green; flesh red, sweet, rich	10	20	50
Phinney's Early, flesh deep red, of a very superior quality; a valuable early market variety	10	20	50
Cuban Queen, solid and heavy	10	20	50

MELON, WATER—Continued.

	Per oz	¼ lb.	Per lb.
Ice Cream, (white seeded), fruit of medium size, nearly round ; skin pale green ; rind thin; flesh scarlet, solid, crisp, excellent	$0 10	$0 20	$0 50
Rattlesnake, very large, striped, red flesh variety	10	20	50
Citron, round, handsome fruit of small size, and used in the making of sweetmeats and preserves	10	25	75
Volga, pale green ; red flesh	10	25	75
Mammoth Iron-Clad, long and large ; thin skin, deep red flesh	10	20	50
The "Boss," oblong : dark green	10	20	50

Plant in hill as directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

MUSTARD.

German, *Senf;* French, *Moutarde;* Spanish, *Mostaga.*

	Per oz.	¼ lb.	Per lb.
White London, best for salads	$0 05	$0 10	$0 25
Black, used for cooking and for salads	05	10	25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowings of it, as itshould be cut and used in a very young state, even before the first rough leaf has appeared. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade, and should then be watered through the fine rose of a watering pot, without having any soil placed upon it; but the bed should be covered for a few days with a piece of cloth or mat, and in the course of six or eight days the Mustard will be fit for use, and should be cut close to the surface of the soil with a sharp knife; and no soil having been placed over the seeds, it will be found clean and free from grit.

MUSHROOMS.

German, *Champignonbrut;* French, *Champignon ;* Spanish, *Hongo.*

Imported English Spawn.....15c. per lb.; 10 lbs., $1.00; 100 lbs., $9.00.
Imported French Spawn.....30c. lb.; 10 lbs., $2.50

Mushrooms should be grown either in a building especially erected for the purpose or some shed. stable or cellar, where a temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse dropping add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of the dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet.

The most convenient size for a bed is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn, two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately, and cover with three or four inches of hay or straw,. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

Mushrooms

NASTURTIUM.

German, *Nasturtian;* French, *Capucine;* Spanish, *Maranuela.*

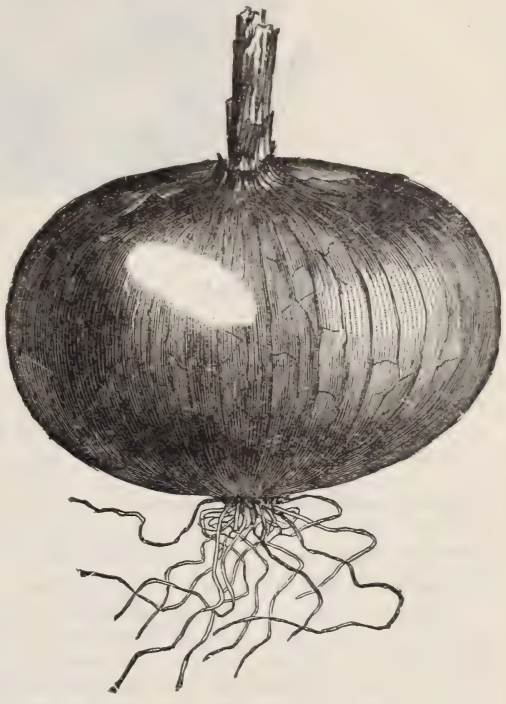
	Per oz.	¼ lb.	Per lb.
Tall Scarlet	$0 15	$0 30	$0 75
Tall Yellow	15	30	75
Tall Nasturtium, Mixed	10	25	65
Dwarf Nasturtium, Mixed	10	30	90

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its beautiful scarlet and orange-colored flowers, which appear freely all summer, add a charm to the garden.

ONION.

German, *Zweibel;* French, *Wignon;* Spanish, *Cebolla.*

	Per oz.	¼ lb.	Per lb.
Early Red, flat; about ten days earlier than the Large Red, and not quite so large	$0 20	$0 60	$1 75
Large Red Wethersfield, the staple variety of the Eastern onion growers; of large size; deep in color, and a good keeper	20	60	1 75
Yellow Globe Danvers, an excellent variety; mild flavor and very productive; ripens early and a good keeper	20	60	2 00
Prizetaker, large yellow globe-shaped, extra fine	20	60	2 00
White Portugal, or Silver Skin, a handsome onion of mild flavor; extensively grown for pickling	25	75	2 50
Griswold's Medium Early Red Globe, about 2 weeks earlier than Southport Red Globe	25	80	2 75
Southport Red Globe, similar to the Large Red in color and flavor, but quite distinct in form, being nearly globular	25	75	2 50
Southport White Globe, form nearly ovoid, symmetrical, keeps well, is an excellent variety	35	1 00	3 50
Southport Yellow Globe, same as above, except in color	25	75	2 50
White Flat Bermuda, very early	20	60	2 00
Red Flat Bermuda, very early	20	60	2 00



Yellow Globe Danvers Onion.

Italian Varieties.

	Per oz.	¼ lb.	Per lb
Adriatic Barletta, white, new variety, fully 2 weeks earlier than the queen	$0 20	$0 65	$2 25
Early Queen, an excellent variety, very early, a good keeper and mild flavor	20	50	1 75
Giant Rocca, a splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor	20	60	1 75

Barletta Onion

The Onion thrives best in a rather strong, deep, rich, loamy soil and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften As early in spring as the ground is in working order, commence operations by levelling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply nor to collect it about the growing bulbs.

ONION SETS.

Potato Onion Sets.

	Per qt.	½ pk.	Per pk,	Per bu.
White Onion Sets	$0 25	$0 75	$1 25	$4 50
Yellow Onion Sets	20	60	1 00	3 50
Red Onion Sets	20	60	1 00	3 50
Potato Onions	25	75	1 25	4 00
Shallots	20	60	1 00	
Red Top Onions	25	75	1 25	

OKRA or GUMBO.

German, *Essbarer Safran;* French, *Gomo;* Spanish, *Quibombo.*

	Per oz.	¼ lb.	Per lb.
Improved Dwarf White, long slender pods, very productive; only 14 in. high	$0 10	$0 20	$0 50
Dwarf Green, early and productive	10	20	50
Long Green, fine long pods, very good	10	20	50

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is of the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

Dwarf Green Okra.

PARSLEY.

German, *Petersilie;* French, *Persil;* Spanish, *Perjil.*

	Per oz.	¼ lb.	Per lb.
Extra Double Curled, a fine dwarf variety, excellent for garnishing	$0 10	$0 20	$0 60
Fern Leaved, the most beautiful form of Parsley, resembling crested fern or moss in its growth	10	20	60
Plain, leaves plain, hardier than the curled variety	10	20	50
Moss Curled	10	20	50

Should be sown very early in spring in beds or in lines, and the seeds, which are somewhat slow to vegetate, should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seeds when about to germinate. As soon as the plants are large enough they shoul be thinned out so as to stand five or six inches apart.

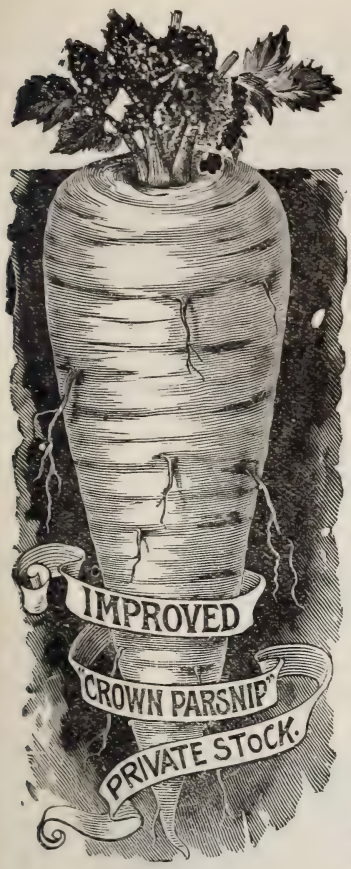
Moss Curled Parsley.

PARSNIPS.

German, *Pastinake;* French, *Panais;* Spanish, *Chirivia.*

	Per oz.	¼ lb.	Per lb.
Guernsey, or Cup, leading variety	$0 10	$0 20	$0 50
Long Smooth or Hollow Crown, long roots	10	20	50
Long White, standard variety	10	20	50

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the sed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, and thin the plants to six inches in the drill. (See cut next page.)



PEAS.

German, *Erbse;* French, *Pois;* Spanish, *Guisantes.*

Extra Early Varieties.

	Per qt.	½ pk.	Per pk.	Per bu.
Gradus or Prosperity, Earliest Wrinkled Pea grown. Can be sown early as the round sorts. Large peas, and pods immensely productive and splendid flavor. Requires no sticks, reaching only 18 to 20 inches in ordinary good soil. Remember it is hardy, early, prolific, large, easily picked, of prime quality, good appearance and a quick seller	$0 50	$1 50	$2 50	$9 00
Allan's Sunol, very early and productive, height 2 1-2 feet	35	1 00	1 75	6 50
Nott's Excelsior, extra early dwarf wrinkled, pods larger than American Wonder, 1 foot	30	1 00	1 75	6 50
American Wonder, earliest wrinkled variety 1 1-2 feet	30	1 00	1 75	6 50
Alaska, very early and retain their color well	25	75	1 25	4 50
Earliest of All, earliest Blue Marrow now offered	25	75	1 25	4 00
First and Best, One of the very best extra early Peas. An improved strain of the Extra Early Market	25	75	1 25	4 00
Little Gem, a dwarf green wrinkled, Marrow, very prolific, of superior flavor, and a first early; 1 foot	30	1 00	1 75	6 00
Premium Gem, A fine flavored dwarf, wrinkled variety; good cropper and fine quality. Height 18 inches	30	1 00	1 75	6 00

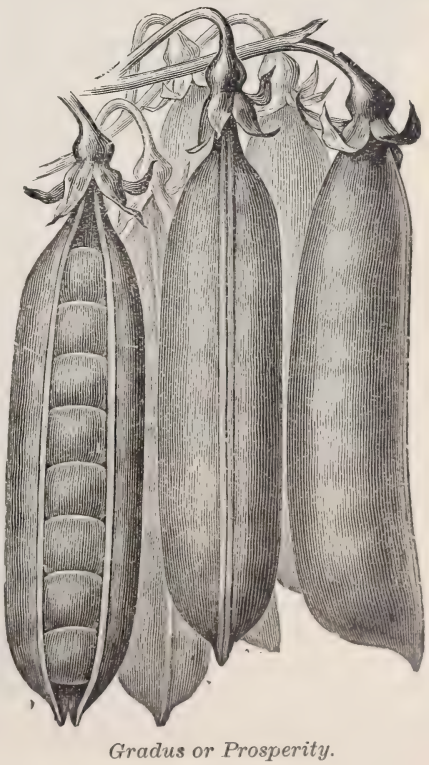
Second Early Varieties.

Heroine Medium Early, green wrinkled	30	1 00	1 75	6 00
Everbearing, good size pea, long pod	30	85	1 50	5 00

	Per qt.	¼ pk.	Per pk.	P r b
McLean's Advancer, early green wrinkled varieties, delicious flavor, 2 feet	$0 30	$0 85	$1 50	$5 00
Pride of the Market, very large pods, green peas, sow thin	30	1 00	1 75	6 50
Yorkshire Hero or Dwarf Champion, 2½ feet	30	85	1 50	5 00
Abundance, 18 inches high. 6 to 8 peas in a pod, large and wrinkled	30	85	1 50	5 00

General Crop.

Champion of England, a popular wrinkled variety of delicious flavor; profuse bearer. Peas are very large, tender	30	85	1 50	5 00
Tall Sugar, edible pods, a fine flavored variety, can be used in the green state like string beans	50	1 50	2 50	9 00
Dwarf Sugar, edible pods	30	1 00	1 75	6 50
Telephone, This is the best pea for general crop, both for home and market use. Immensely productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, height 3 feet	35	1 25	2 00	7 00
Black-Eyed Marrowfat, grown for market, hardy, productive, 4 feet	20	60	1 00	3 00



Gradus or Prosperity.

PEAS—Continued.

	Per qt.	½ pk.	Per pk.	Per bu.
White Marrowfat, an old and favorite sort for market, 4 feet	$0 20	$0 60	$1 00	$3 00
Stratagem, mammoth pods, well filled	35	1 25	2 00	7 00

Peas come earlier to maturity in light rich soil. For general crop a deep rich loam, or strong loam, inclining to clay, is best. For early crops decomposed leaves of leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crops a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two to three feet apart, according to the variety. When grown in small quantities, for private use they are generally sown in double rows six or eight inches apart and the rows three feet apart, the tall varieties staked up by bush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

PEPPER.

German, *Pfeffer;* French, *Piment;* Spanish, *Pimiento.*

	Per oz.	¼ lb.	Per lb.
Ruby King, very large; bright red	$0 25	$0 75	$2 50
Sweet Spanish, one of the largest, mild and pleasant best for salads	20	60	2 00
Large Bell or Bull Nose, an early variety of mild flavor	20	60	2 00
Sweet Mountain, or Mammoth, of large size, best for mangoes	25	75	2 50
Chinese Giant, Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	40	1 25	4 00
Long Red Cayenne, used for Pepper sauces; very pungent	20	60	2 00
Long Yellow Cayenne, similar to long Red, except in color	30	80	3 00
Cardinal, mild, thick fleshed, new	25	75	2 50
Chili, very piquant and prolific; fruit conical; bright scarlet	25	75	2 50
Oxheart, heart shaped, very fine, excellent for pickling	25	75	2 50
Golden Dawn Mango, This is a remarkably prolific Pepper of the Bell class and of a magnificent golden color	20	60	2 00

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled; or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

Houlton, Maine, Potatoe.

POTATOES—Continued.

Houlton Early Maine, Early and good yielder.....
Houlton Bliss Triumph, red skin, very early and productive.....
Houlton Hebron, white skin, the most popular variety in cultivation.....
Houlton Rose. The Standard variety. Our specialties..... } Prices on application.
Houlton Pearl of Savoy, very early, cross between Clark No. 1 and early Vermont
Houlton Early Queen. Early and productive.....
Houlton Green Mountain, late variety, good keeper, white aud mealy .....
Houlton Irish Cobbler. A white potato of splendid quality ; medium size, but run very evenly. Eyes strong and well developed; flesh white, mealy when cooked and of excellent flavor; very early, ripening before Early Queen. You will not be disappointed in this potato, which cannot be recommended too highly.

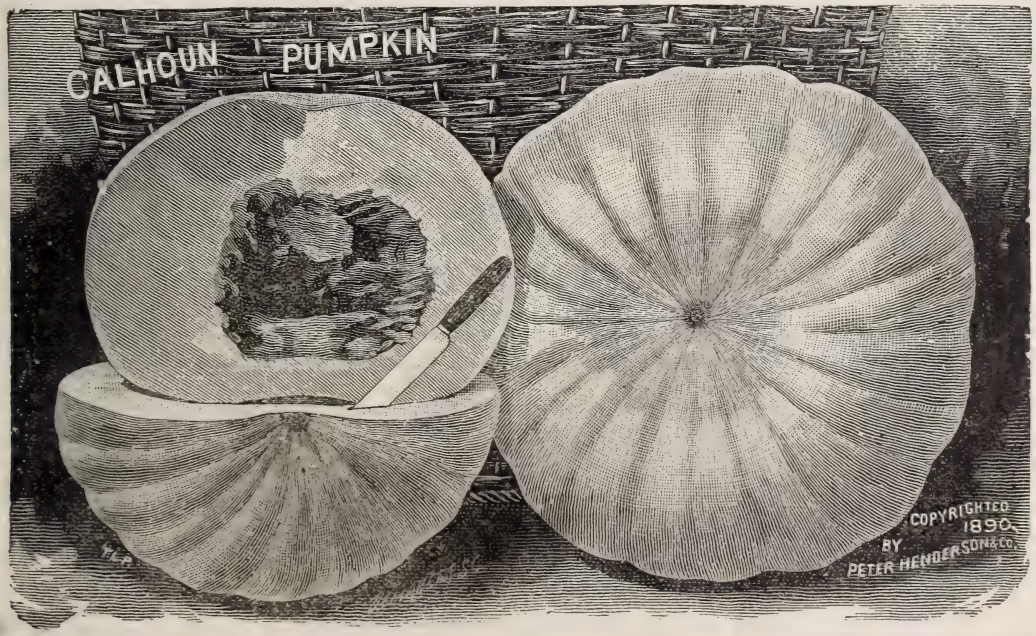
The foregoing varieties are grown for us at Houlton, Aroostock Co., Me., are the choicest stock ever offered. Coming from the extreme northern part of Maine, and raised without the aid of manure, causes them to have very strong eyes and to be hardy and very smooth. Productiveness unsurpassed. The following are raised for us in Washington County, northern New York:

Thorburn, very early, very productive.....
Rural New Yorker, No. 2..... } Prices on application.
Early Ohio, a seeding of the Early Rose, ripening a week earlier, productive.....

PUMPKIN.

German, *Kuerbis ;* French, *Courge ;* Spanish, *Calabaza Totanera.*

	Per oz.	¼ lb.	Per lb.
Calhoun, flesh wonderfully thick and fine grained, cooks very yellow.	$0 10	$0 25	$0 75
Large Cheese, the best variety, hardy and productive.....	10	20	50
Connecticut Field, very productive, largely grown for feeding stock. 20c. per quart.; per bush., $3.00.....	10	15	30
Mammoth King, grows to an immense size	10	30	1 00
Small Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet	10	20	50
Cushaw, salmon color, crooked neck.....	10	25	75
Tennessee Sweet Potato. Bell shaped ; thick, white flesh ; nothing finer for pies	10	25	75



These are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May, in hills eight feet apart.

RADISH.

German, *Retting ;* French, *Radis ;* Spanish, *Robanitos.*

	Per oz.	¼ lb.	Per lb
Vick's Scarlet Globe, new, very fine.....	$0 10	$0 20	$0 60
Early Scarlet Turnip, the standard variety ; of quick growth, mild and crisp when young	10	20	50
Early Scarlet Turnip, Forcing Variety, maturing in three weeks....	10	20	60
Early Scarlet Turnip, White Tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners.....	10	20	60

RADISH—Continued.

	Per oz.	¼ lb.	Per lb.
Early Scarlet Turnip, white tip, forcing	$0 10	$0 20	$0 60
Olive Shape Deep Scarlet	15	35	1 00
French Breakfast, of quick growth, very mild and tender, of oval form, color scarlet, tipped with white	15	35	1 00
Long Scarlet, one of the leading market kinds	10	20	50
White Turnip, a summer variety of mild flavor	10	20	60
Yellow Summer Turnip, grows to a large size	10	20	60
Rose China Winter, flesh firm and piquant; excellent for winter use	10	25	75
Black Spanish Winter, long, one of the hardiest and best for Winter use	10	20	60
Black Spanish, Winter, round	10	20	60
Giant Stuttgart Summer favorite, German sort	10	25	75
California Mammoth White, a giant white-fleshed Fall Radish	10	25	75
White Spanish, long, rather milder, than Black	10	20	60
White Strasburg, very large, German sort	10	20	60
White Vienna or Lady Finger, crisp and tender in summer	10	20	60

Scarlet Turnip White Tipped Radish.

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer Radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in a light, rich soil. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

RHUBARB.

German, *Rabarber;* French, *Rhuberbe;* Spanish, *Ruibarbo.*

	Per oz.	¼ lb.	Per lb.
Linnaeus, early large and tender	$0 20	$0 50	$1 50
Victoria, very large, later than Linnaeus	20	50	1 50
Roots	15c. each;	$1.50 per	dozen.

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following spring, transplant into deep, rich soil, about three feet apart each way.

SPINACH.

German, *Spinat;* French, *Spinard;* Spanish, *Espinaca.*

	Per oz.	¼ lb.	Per lb.
Long Standing, Round Leaved	$0 10	$0 15	$0 35
Flander's Round Leaved, the variety commonly grown, good for spring or fall sowing	10	15	40
Large Virofray, a new variety, with leaves much larger and thicker than the old variety	10	15	35
Victoria New, dark green color, sow early	10	15	40
Bloomsdale Savoy Leaved, a large, curled, thick leaved variety, the market gardener's favorite	10	15	35
Prickly, prickly seeded, with triangular arrow-shaped leaves	10	15	35
New Zealand, produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light, rich soil	10	30	80

Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals during the season for succession.

SALSIFY, or OYSTER PLANT.

German, *Bocksbart;* French, *Salsifis;* Spanish, *Salsifi.*

	Per oz.	¼ lb.	Per lb.
Long White French	$0 20	$0 50	$1 50
Mammoth Sandwich Island	20	50	1 50

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.

Salsify.

SCORZERONA—Black Oyster Plant.

German, *Schwarzwurzel;* French, *Scourge;* Spanish, *Escorzonera.*

This vegetable requires the same treatment as Salsify, which it nearly resembles ..... Per oz., 30c.; Qr. lb., 85c.; Per lb., $2.50.

SQUASH.

German, *Garten Kuerbiss;* French, *Courge;* Spanish, *Calabaza Bonetera.*

	Per oz.	¼ lb.	Per lb.
Faxon, medium size, orange flesh, and early	$0 10	$0 25	$0 80
Mammoth Summer Crookneck, twice size of Summer Crook Neck	10	25	70
Fordhook Squash, bright yellow, good keeper	15	25	80
The Sibley, solid, thick, brilliant orange in color	15	25	80
Early Golden Bush Scalloped. True bush growth, producing fruit ready for use early in the summer	10	25	70
Early White Bush Scalloped, a white variety of the above	10	25	70
Summer Crookneck, early, productive and of good quality	10	25	70
Canada Winter Crookneck, flesh close grained, sweet and fine flavored	10	25	80
Green Striped Bush, white with green stripes	10	25	75
Boston Marrow, a very valuable medium early variety, an excellent keeper and of superior quality	10	25	70
Hubbard, the best Winter Squash, fine grained, dry, keeps well, and is of excellent flavor	10	25	80
Pineapple, white skin and flesh, fine late sort	10	25	75
Marblehead, a superior winter variety, large, productive, fine grained and sweet	10	25	80
Butman, a superior new winter variety, very dry, fine grained and productive, excellent flavor, keeps well	10	25	75
Turban, flesh orange-yellow, excellent Fall Squash	15	25	80
Mammoth Chili, grows to a large size, often weighing two hundred pounds, excellent for stock	15	50	1 50
Vegetable Marrow. A favorite English sort, skin greenish-yellow, flesh white, soft and rich flavor	10	25	75

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hills for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

TOBACCO.

Connecticut Seed Leaf. This variety is best adapted to the climate of the Northern and Middle States ..... Per oz., 25c.; Qr. lb., $75c.; Per lb., $2.50.

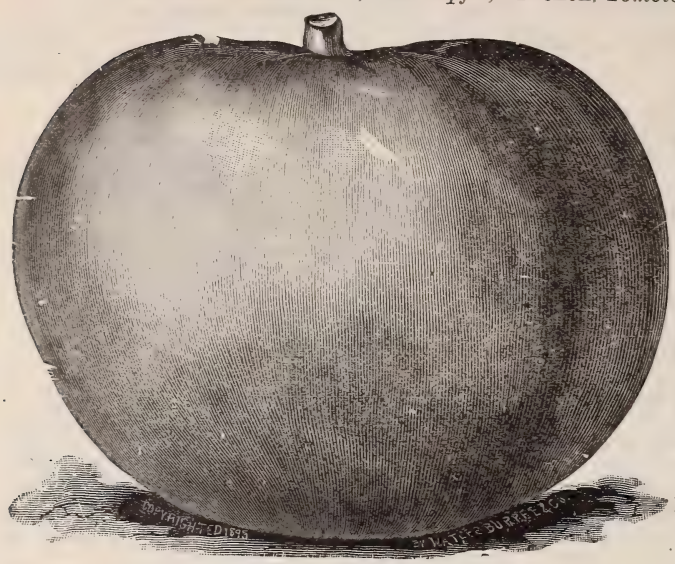
Havana, imported seed. Vuelto de Abbajo ..... Per oz., 45c.; Qr. lb., $1.50; Per lb., $4.50.

TOMATO.

	Per oz.	¼ lb.	Per lb.
Chalk's Early Jewel. The most valuable extreme early, and "all purpose" bright red Tomato. In most cases early as Earliana, while the fruits are larger, heavier and produced even more abundantly and continuously	$0 30	$0 85	$3 00
Truckers' Favorite. The finest, large-fruited purple Tomato. Most regular in form and size, thick meated and very solid; noted for its flavor and shipping qualities. Well worthy a trial	20	60	2 00
Livingston's Honor Bright, solid, long-keeping qualities	20	60	2 00
Imperial, very smooth, bright red color, good size	25	75	2 50
New Buckeye State, large size, similar to Livingston's Beauty, little darker in color	25	75	2 50
Thorburn's Terra Cotta, a cross between the Stone, Peach and Ponderosa.	25	75	2 50
Fordhook, extra early, medium size	30	85	3 00

TOMATO—Continued.

German, *Liebesapfel;* French, *Tomote;* Spanish, *Tomata.*



	Per oz.	¼ lb.	Per lb
Ponderosa. Very large and solid	$0 35	$1 00	$3 50
New Stone, large and smooth	20	60	2 00
Livingston's Perfection. Very early round; smooth, tough skin brilliant; solid ripening thoroughly. and of rich flavor; A favorite market variety	20	60	2 00
Ignotum, early large and smooth	25	75	2 50
Livingston's Beauty. Large dark crimson, thick skin	20	60	2 00
Dwarf Champion, resembles Acme, early	20	60	2 00
Acme, a beautiful variety, fruit of medium size, form perfect and very smooth, ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a Tomato	20	60	2 00
Trophy (selected), the leading variety for general cultivation, and when properly grown will give satisfaction. The seed we offer is carefully selected from pure stock	20	60	1 75
Golden Queen. A first-class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor	20	60	2 00
Yellow Plum, used principally for pickling	25	75	2 50
Red Pear Shaped, used for preserving and pickling	30	85	3 00
Red Currant, for preserves	25	75	2 50
Yellow Cherry, similar to above, except in color	25	75	2 50

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of may the plants may be set in the open ground, at a distance of three to four feet apart, in hills in which a good shovelful of rotted manure has been mixed. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen.

TURNIP.

German, *Rube;* French, *Navet;* Spanish, *Nabo.*

	Per oz.	¼ lb.	Per lb
Milan (purple top), the earliest of all	$0 10	$0 20	$0 60
Purple Top Munich, one of the earliest varieties	10	20	50
Early White Flat Dutch, an early garden variety of medium size	10	20	50
White Top Strap Leaf, quick in growth, of excellent quality	10	20	45
Red Top Strap Leaf. This and the preceding are the best two kinds for Spring sowing and for garden culture	10	20	45
Red Top White Globe, very desirable, extensively grown for market	10	20	45
White Egg, a new variety, beautiful shape, excellent table turnip	10	20	50
Yellow Globe, one of the best for general crop, either for table use or stock	10	20	50
Yellow Stone, a good globe-shaped Turnip, similar to the above	10	20	60
Golden Ball, a table Turnip of quick growth, and unsurpassed quality	10	20	50
Long White or Cow Horn, one of the best field Turnips, flesh fine grained	10	20	50
Yellow Aberdeen, hardy and productive, largely grown for farm purposes	10	20	45
Large White Norfolk, globe-shaped variety, one of the best for stock	10	20	45
Pomeranian White Globe, very fine, white Globe variety, round and thick	10	20	45
German Tetlow, small, early, fine grade, sugary	15	20	60

RUTA BAGAS

American Improved Purple Top, the leading variety, of fine quality, valuable both for the table and for feeding stock	10	20	50

RUTA BAGAS—Continued

	Per oz.	¼ lb	Per lb.
Carter's Imperial Hardy Swede, an English variety, highly recommended as producing enormous crops	10	20	60
Long White French, an excellent sort either for table or stock	10	20	50
White or Sweet German, a large, solid variety.	10	20	45
Shamrock, very large and solid, one of our choicest varieties	10	20	50
Laing's Improved, globe-shaped, with a small top and tap root	10	20	50
Skirving's, an improved purple topped variety of large size	10	20	50

For Spring crop, commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots to the depths of an inch or more, and give them a light dressing of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens, where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow of a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crop, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

SWEET POT AND MEDICINAL HERB SEEDS.

Herbs are valuable for culinary and medical purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up, or the seeds may be sown under glass and the young plants afterwards transplanted to their respective beds. The perennial kinds should occasionally be divided and transplanted in Spring.

	Per oz.
Anise (Pimpinella anisum,) an annual, cultivated for its seed and its leaves, which are used for garnishing and for seasoning	$0 10
Balm (Melissa officinalis,) a hardy perennial, used for making balm tea and balm wine	25
Basil, Sweet (Ocymum basilicum.) This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces	15
Bene (Sesamum orientale)	10
Borage (Borage officinalis,) hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly required for claret cup and other cooling drinks. Bees are very partial to the flowers	10
Caraway (Carum cauri,) hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavors to liquors	10
Catnip (Nepeta cataria.) perennial	40
Coriander (Coriandrum salivum,) an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine	10
Dill (Anethum graveolens,) annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten the flavor. Medicinally they are good for flatulence and colic in infants	10
Fennel (Antehum foeniculum,) hardy perennial. leaves used for garnishing, and in the preparation of various fish sauces	10
Horehound (Marrubium vulgare,) hardy perennial, principally used for medicinal purposes	25
Hyssop (Hyssopus officinalis,) hardy perennial; the leafly tops and flowers are used for making hyssop tea	25
Lavender (Lavandula spica,) a popular aromatic herb	25
Marjorum, Sweet (Origanum Marjorana,) for seasoning	15
Opium Poppy (Papaver somniferum,)	20
Rosemary (Rosmarinus officinalis,) an aromatic herb	30
Rue (Ruta graveolens,) used for medicinal purposes, also frequently given to fowls for the roup	20
Saffron (Carthamus tinctorius)	10
Sage (Salvia officinalis.) much used for flavoring various articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration	15
Summer Savory (Satureia hortensis,) annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups	10
Sorrel, Broad Leaved, used in salads	15
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headache	25
Tarragon, Roots, each	35
Tansy (Tanacetum vulgaris)	75
Wormwood (Artemesia abietnum,) used for medicinal purposes; it is also beneficial to poultry and should be slanted in poultry grounds	20

GRASS SEED.

These Prices are Subject to Variation.

Blue Grass Kentucky, (Poa pratensis,) extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at is perfection as a pasture grass until it is much older; valuable in mixtures for lawn ..... Per lb. $ 20
Per bushel of 14 lbs. 2 25

Creeping Bent Grass, Florin, (Agrostis stolonifera,) used by many for lawns. also well adapted to most places ..... Per lb., 28c.; per bushel of 15 lbs.; 3 50

Crested Dogtail, (Cynosurus cristatus,) good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns. 25 lbs. to the acre..... Per lb. 40

Hard Fescue, (Festuca duriuscula,) admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre; 12 lbs. to the bushel. (By bushel, 15c.)..... Per lb. 20

Meadow Fescue, (Festuca pratensis,) this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs to the acre. (By bushel, 12c.) Lb. 18

Sheep's Fescue, (Festuca ovina,) does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs. to the acre. (By bushel, 15c.) ..Per lb. 20

Meadow Foxtail, (Alopecurus pratensis,) regarded as one of the most desirable grasses for permanent pasture, being early and rapid in growth. 25 lbs to the acre. (By bushel, 30c.) ..... Per lb. 40

Meadow Soft Grass, (Holcus lanatus,) will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bushels to the acre; 7 lbs to bushel. Per bushel, $1.40 ..... Per lb. 25

Orchard Grass, (Dactylis glomerata,) is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in Autumn than any other, 3 bushels to the acre; (Box lots 225 lbs.) ..... Per bushel. 2 25

Red Top Grass, (Agrostis vulgaris,) good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., $3.00; Per bushel of 14 lbs. 1 00

Fancy Red Top Grass, cleaned like Timothy; free from chaff. Bushel 15c. lb.....Per lb. 20

Rhode Island Bent Grass, (Agrotsis canina,) best of all grasses for lawn where only one variety is used ..... Per bushel of 12 lbs. 3 00

Rye Grass English, (Lolium perenne) Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass, lb., 12c. Bushel of 24 lbs. 2 00

Rye Grass Italian, (Lolium Italicum.) This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state. Per lb., 12c.; per bushel of 18 lbs..... 1 50

Sweet Vernal Grass, (Anthoxanthum ordoratum.) is not valuable when sown alone, but when sown with other grasses it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals. Lb. 20

Tall Meadow Oat Grass, (Avena elatior,) very valuable for pasture on account of its early and luxurant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand, and is much valued in the South..... 25c lb. Per bushel of 13 lbs. 2 50

Timothy, Herd's Grass, (Phleum pratense.) As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can, with care, be made to produce fair crops. Price according to market. 45 lbs. to bushel. 12c, lb. ..... Bushel. 3 00

Rough Stalked Meadow Grass, (Poa trivialis.) produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs to the bushel; 20 lbs. to the acre. Per lb., 45c..... Per bushel. 5 00

Wood Meadow Grass, (Poa nemoralis). This grass grows well both on shady and exposed situations. 30 lbs. to the acre..... Per lb. 45

Yellow Oat Grass, (Avena flavescens.) good for dry pastures and meadows. Is much relished by sheep ..... 85c. lb. Per bushel of 8 lbs. 6 50

Golden or German Millet. This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured, gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs. Market Price.

Hungarian Grass, a valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pecks to the acre. Per bushel of 48 lbs., Market Price.

MUZZY BROTHERS' CELEBRATED LAWN GRASS

Muzzy Bros.' Fine Mixed Lawn Grass, Composed of a mixture of the finest grasses; sow four to five bushels per acre. 15c. qt.....Per bushel $3 00

Muzzy Bros.' Special Lawn Mixture. This extra choice mixture contains a large proportion of the finer and more expensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible. 25c qt.....Per bushel 4 50

Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun. 25c. qt.....Per bushel 5 00

QUANTITIES TO BE USED.

			Extra Mixture.	Shady Lawn.
Plot 20 feet by 20 feet, sow 1 quart	Price	$0 15	$0 25	$0 25
" 25 " 25 " " 2 "	"	25	40	45
" 25 " 50 " " 4 "	"	50	75	85
" 25 " 100 " " 8 "	"	75	1 25	1 50
" 1 acre, sow 3 bushels	Price, per bushel,	3 00	4 50	5 00

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING.

Plot 20 feet by 25 feet, use 5 lbs	Price	$0 25
" 20 " 50 " " 10 "	"	40
" 25 " 100 " " 25 "	"	90
" 50 " 100 " " 50 "	"	1 75
" One-quarter acre, " 100 "	"	3 00

How to Make a Lawn.

The ground ought to be carefully prepared during the winter, by draining if found requiste, and digging to the depth of six to twelve inches, according to the nature of the soil. The land should then be leveled and raked to remove stones, etc., and then made firm with a heavy iron roller. When the natural soil is too stony, a supply of good mould should be spread over it to the depth of two or three inches. In March or April, before sowing the seed, the ground ought to be thoroughly cleaned and made perfectly level with the iron roller and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the utmost importance it should be well done. The

ground should then be evenly raked and the seeds sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months' sowing, the scythe should be used in preference to the machine. **Frequent mowing and rolling are indispensable to maintain the turf in good order.** By adopting these means a close green sward will be obtained in a short time.

For lawns requiring improvement, and on croquet grounds, where the turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one or two bushels to the acre, either in the Spring or Fall, using a small tooth rake, and rolling afterwards. A slight dressing of manure, late in Fall, will often be found beneficial in encouraging the growth of finer kinds of grasses, and helps to produce a close growing turf.

Meadow and Pasture Mixtures.

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high dry soil, while others prefer plenty of moisture. Some mature so early and others so late there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or in fall, from Sept. to the middle of October in this latitude. Below we give mixtures that we are confiident will give good results.

MEADOW MIXTURE FOR ONE ACRE.

No. 1. On Good Land, neither Too Dry or Too Wet.
Price $2.60 per Bushel of 20 lbs. Sow 2 bushels to the acre.

No. 2. For High and Dry Land.
Price $3.00 per Bushel of 20 lbs. Sow 2 bushels to the acre.

No. 3. On Wet Land.
Price $2.70 per Bushel of 20 lbs. Sow 2 bushels to the acre.

PASTURE MIXTURE FOR ONE ACRE.

No. 4. On Good Land, neither Too Wet or Too Dry.
Price $3.00 per Bushel of 20 lbs. Sow 2 bushels to the acre.

No. 5. On Dry Land.
Price $3.25 per Bushel of 20 lbs. Sow 2 bushels to the acre.

No. 6. On Wet Land.
Price $3.00 per Bushel of 20 lbs. Sow 2 bushels to the acre.

CLOVERS.

(Subject to variation in price)

	Per lb.	Lots 25 lbs. Per lb.
Red Clover, Medium (Trifolium pratense). Price variable, 60 lbs to bushel.		
Red Clover, Large or Pea Vine. Price variable.		
White Clover, (Taifalium repens)	$0 25	$0 22
Alfalfa or Lucerne, requires a deep, rich soil, and in such will produce several crops every season. Fifteen pounds to the acre	25	18
Alsike or Swedish (Trifolium hybridum). Ten pounds to the acre	25	18
Crimson or Italian (Trifolium incarnatum), sown in Autumn, it furnishes an early foder, and is excellent for soiling. Twenty pounds to the acre. Price variable	15	11
Bokhara Clover (Melilotus alba), affords excellent feed for bees, it is a valuable soiling plant; lasts two years. Ten pounds to the acre	30	24
Yellow Trefoil (Medicago lupulina) Hop clover. Fifteen pounds to the acre	15	10

Grains.

All grains are selected expressly for seed, and are strictly pure and true to name.

SPRING WHEAT, 60 lbs. Bushel.

Mashatchewan Fife

China Spring, chaff bearded variety, and a general favorite

Mediterranean Spring. This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties

White Russian. This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plumb wernels weighing 6 to 62 lbs., to the bushel. Has produced 40 to 50 bushels to the acre

Market Price.

GRAINS—Continued.

WINTER WHEAT, 60 lb. Bushel.

Jones' Winter Five, surpassing all other varieties in hardiness and productiveness.....
Golden Cross, has the yield of the Clawson, with flour of the Mediterranean.....
Clawson also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.....
Fultz. A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.....
Red Mediterranean (American). This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.....

Market Price

OATS, 32 lb. Bushel.

Swedish, heavy and bright color.....
Washington, very popular, and standing well until fully ripe.....
Probsteier, very productive and heavy. The straw is very strong; No. 32.....
Scotch, one of the leading varieties.....
Welcome.....

Prices on application.

RYE, 56 lb. Bushel.

Spring Rye.....Price on application
Winter Rye.....Price on application

SPRING BARLEY, 48 lb. Bushel.

Vermont Champion (two rowed).....Market Price

BUCKWHEAT, 48 lb. Bushel.

Silver Hull variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

Market Price.

JAPANESE BUCKWHEAT.

Yields twice or three times as much as Silver Hull and ripens a week earlier.....Market Price.

Miscellaneous Seeds, etc

Early Amber Sugar Cane	Lb.	15c.	100 lbs.	$6.00		
Broom Corn. Improved Evergreen	"	15c.	100 lbs.	6.00		
Broom Corn, Cal. Golden	"	15c.	100 lbs.	6.50		
Cotton Seed, Upland	"	15c.	100 lbs.	6.50		
Cotton Seed, See Island	"	15c.	100 lbs.	6.00		

Johnson Gras (Sorghum halepense)	Per lb.,	$0 15	Per bush.,	28 lbs.,	$2 80
Reana Luxurians (Teosinte)	Per oz.,	10	Per lb;,	100 lb.,	45
Cow Peas, for Fodder	Per qt.,	20	Per bush.		2 50
Kaffir Corn or Sorghum	Per lb.,	10		100 lbs.,	5 00
Canada Field Peas	Per qt.,	10	Per bush.,		1 75
Winter Vetches	Market Price				
Spring Vetches	Market Price				
Flax, very clean	Per qt.,	10	Per bush.		2 50

BIRD SEEDS.

Prices by the bushel on application. Postage 16 cents per pound.

Canary, Best Sicily (Pharlaris canariensis)	Per qt.,	$0 10
Hemb (Cannabis sativa)	"	10
Maw (Papaver Rhoeas)	Per lb.,	15
Lettuce Seed	"	25
Millet (Panicum miliaceum)	Per qt.,	10
Rape (Brassica napus)	"	10
Mixed Bird Seed	"	10

BIRD SEEDS—Continued.

Sunflower, Large Russia.....Per bush., 28 lbs., $2.00; Per qt. 10
Rough Rice..... " 10
Gravel for Cages.....Per box. 04
Cuttle-Fish Bone.....Each, 2c. and 3c.

VEGETABLE ROOTS AND PLANTS.

Asparagus Roots, Palmetto.....Per 100, $0 80; per 1,000, $5 50
Asparagus Roots, Conover's Colossal (2 years old).....Per 100, $0 80; per 1,000, $5 50
Rhubarb Roots.....15c. each; per doz., 1 50
Jerusalem Artichokes.....Per bush., $4 00; per doz., 20
Horse Radish Roots.....Per 100, 75c.; per oz. 20
Tarragon, or Estragon.....Clumps, 35c. each; per doz. 3 50
Prickley Comfrey.....Sets by mail per lb., 50
Dioscorea Catatas, or Chinese Yam, roots one year old...Per dozen, 60
Chive Plants.....Per bunch, 25c.; Per 100, 75

QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND.

Artichokes, Jerusalem	3	bush.
Asparagus, in 12 inch drills	25	lbs.
Plants, 4x1½ feet	8,000	
Barley, Broadcast	2½	bush.
Beans, dwarf, in drills; 2½ feet	1½	bush.
Lima, in drills; 4x4 feet	20	qts.
Pole, in hills; 4x3 feet	10	qts.
Beets, in drills; 2½ feet	6 to 8	lbs.
Broom Corn, in hills	4 to 6	qts.
Buckwheat, broadcast	1	bush.
Cabbage, sown in frames	6	oz.
Sown in outdoor beds for transplanting	10	oz.
Carrot, in drills; 2½ feet	3	lbs.
Celery seed	8	oz..
Plants, 4x½ foot	25,000	
Chufas, in drills; 2½ feet	½	bush.
Clover, Alsike	5	lbs.
Red alone	15	lbs.
White, alone	12	lbs.
White, with other Seeds	4	lbs.
Lucerne or Alfalfa	15	lbs.
Corn, Sweet	8 to 10	qts.
Field	7 to 9	qts.
For folder	3	bush.
Corn Salad, in drills; 10 inches	25	lbs.
Cucumber, in hills	1½	lbs.
Egg Plants; plants 3x2 feet	4	oz.
Endive, in drills; 2½ feet	3	lbs.
Grass, Hungarian	¾	bush.
Lawn	3 to 4	bush.
Orchard	2 to 3	bush.
Rye	2	bush.
Kentucky Blue	3	bush.
Timothy	¼	bush.
Red Top	3	bush.
Kale, German Greens	3	lbs.
Lettuce, in rows; 2½ feet	3	lbs.
Leek, in rows; 2½ feet	3	lbs.
Melon, Water in hills; 8x8 feet	3	lbs.
Citron, in hills; 4x4 feet	2	lbs.
Millet, Pearl, in drills	5	lbs.
Golden, broadcast	¾	bush.
Mustard, broadcast	12 to 16	qts.
Oats, broadcast	2 to 3	bush.
Onion, in drills	5	lbs.
in beds for sets	35	lbs.
Parsnips, in drills; 2½ feet	5	lbs.
Peas, Early, in drills	1½	bush.
Marrowfat in drills	1¼	bush.
Broadcast	3	bush.
Potato, cut tubers; in drills	8 to 10	bush.
Radish, in drills; 2 feet	8	lbs.
Broadcast	12	lbs.
Pepper Plants, 2½x1 foot	17,500	
Pumpkin, in hills; 8x8 feet	2	qts.
Parsley, in drills; 2 feet	4	lbs.
Rye, broadcast	1½ to 2	bush.
Salsify, in drills; 2½ feet	10	lbs.
Sorghum	10 to 12	lbs.
Spinach, in drills	10	lbs.
Broadcast	30	lbs.
Turnip, in drills; 2 feet	1½	lbs.
Broadcast	2 to 3	lbs.
Tomatoes, in frame	4	oz.
Plants	3,800	
Wheat, broadcast	2	bush.
In drills	1¼	bush.

Clover, Timothy, Red Top, } together for one acre. } 10 lbs. Clover, ¼ bu. Timothy, 1 bu. Red Top

QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft.	drill
Beet	1 oz. to 50 ft.	"
Carrot	1 oz. to 150 ft.	"
Endive	1 oz. to 150 ft.	"
Okra	1 oz. to 40 ft.	"
Onion	1 oz. to 100 ft.	"
Onion sets, small	1 qt. to 20 ft.	"
Parsley	1 oz. to 150 ft.	"
Parsnip	1 oz. to 200 ft.	"
Radish	1 oz. to 100 ft.	"
Salsify	1 oz. to 70 ft.	"
Spinach	1 oz. to 100 ft.	"
Turnip	1 oz. to 150 ft.	"
Peas	1 qt. to 100 ft.	"
Dwarf Beans	1 qt. to 100 ft.	"
Pole Beans	1 qt. to 150	hills.
Corn	1 qt. to 200	"
Cucumber	1 oz. to 50	"
Water Melon	1 oz. to 30	"
Musk Melon	1 oz. to 60	"
Pumpkin	1 oz. to 40	"
Early Squash	1 oz. to 50	"
Marrow Squash	1 oz. to 16	"
Cabbage	1 oz. to 3000	plants.
Cauliflower	1 oz. to 3000	"
Celery	1 oz. to 4000	"
Egg Plant	1 oz. to 2000	"
Lettuce	1 oz. to 4000	"
Pepper	1 oz. to 2000	"
Tomato	1 oz. to 2000	"

Cultivation of Flower Seeds.

HARDY ANNUALS.

Successive sowing may be made from March to the end of September; March, April and May are the best months for general Summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine, dry earth—the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned suffciently to prevent overcrowding, which weakens them and produces poor blooms.

HALF HARDY AND TENDER ANNUALS.

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stocks, Phlox Drummondii and Double Zinnia, which in form, size and brillancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these, a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose water pot.

Separate the plants when large enough to handle, and finally plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

Salvia Splendens.

Double Zinnia.

HARDY BIENNIALS AND PERENNIALS.

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and, in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November; those sown in Autumn are best planted out in March or April, where intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first season. The Pansy, Petunia, China Pink and its several splendid varieties, and many others, do better as Annuals than Perennials.

Half Hardy Biennials and Perennials may be raised and treated in the same way as recommended for Half Hardy Annuals.

ANNUALS FOR WINTER BLOOMING.

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candytuft, German Stocks, Lobelia Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dianthus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Salvia, Verbena, Vinca and others.

General List of Flower Seeds.

Abbreviations and Signs used in the following list:

A. Annual, refers to those plants that last but one season, and must be raised annually.

B. Biennial, raised one year, bloom and die the next.

P. Perennial, lasts two or more seasons.

h. Hardy, as those that may be grown at all seasons in open air, without protection.

hh. Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden.

t. Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.

cl. Climbing, as Cypress Vine, Morning Glory, etc.

spr. Spreading or trailing as Verbena.

g. Greenhouse, those plants which require to be grown under glass.

s. Shrubs, plants of a shrubby or bushy habit.

Those Biennials, and Perennials marked with an asterisk (*) will bloom the first year if sown early.

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Abobra, viridiflora	tA	8	sc. fruit	10	Beautiful climbing gourd.
Abronia, umbellata	hhA	spr	pink	5	Pretty Verbena-like annuals.
Abronia, fragrant	hhB	2	white	10	
Abutilon, mixed	tP	6	various	25	Beautiful bell-shaped flowers.
Acacia, mixed	hhP	3–5	yellow	25	Good for greenh. or pot culture.
Achimenes, choice mixed	gP	1	various	25	Beautiful tuber rooted plants.
***Adlumia** cirrhosa	hB	15	pink	10	Mountain fringe, hardy climber.
Ageratum, Mexicanum	hhA	1	blue	5	Valuable bedding plants of dwarf habit, very free-flower.
" imperial dwarf	"	½	"	5	
" Lasseauxii	"	1	rose	5	
Alyssum, sweet..oz. 20c.	hA	½	white	5	Sweet Alyssum, a well-known fragrant flower.
Alyssum, saxatile	hP	1	yellow	5	
Amaranthus Henderi	hhA	4	var. col.	10	Fine plants for decorating purposes for conservatory and flower garden. Amar, tricolor known as Joseph's coat.
" melancholicus ruber	"	2	red	5	
" bicolor ruber	"	3	"	5	
" salicifolius	"	3	scarlet	5	
" tricolor.....oz. 50c.	"	1	var. col.	5	
Anchusa augustifolia	hP	2	purple	10	Excellent for bouquets.
***Angelonia** grandifolia	gP	2	vio blue	25	Beautiful ornamental plant.
***Antirrhinum** majus, choice mixed.	hP	2	various	5	The Antirrhinum or Snapdragon a very useful and showy plant.
***Antirrhinum** Tom. Thumb	"	1	"	10	
Aquilegia chrysantha	"	2	yellow	10	Columbines, Handsome free-flowering border plants, perfectly hardy.
" coerulea	"	2	sky-blue	10	
" choice mixed, double	"	2	various	10	
Arabis Alpina	"	½	white	10	Rock or border, early flowering.
Aralia Japonica	hhP	4	orn. fol.	25	Fine ornamental plant.
Arctostaphylos glauca	bS	6	white	10	Beautiful scarlet berries.
Ardisia crenulata	gS	3	red frt.	25	
Aristolochia sipho	hP	30	yel. br.	10	Dutchman's Pipe.
Asperula azurea setosa	hA	1	blue	5	Pretty, sweet-scented free bloomers.
Asperula odorata (Woodruff)	hP	⅔	white	10	
Aster Queen of market, mixed	hhA	2	mixed	10	One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil, and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
" " " rose	"	2	rose	10	
" " " white	"	2	white	10	
" " " lavender	"	1½	lavender	10	
" Comet, finest mixed	"	1½	mixed	10	
" Chrysanthemum-flowered, finest mixed	"	¾	"	10	
" Washington, mixed	"	2	"	15	
" Dwarf Bouquet, mixed	"	¾	"	10	
" Mixed China.....oz. 75c.	"	1½	"	5	
Auricula, finest mixed	hhP	¼	"	25	
Azalea indica, mixed	gS	4	"	25	Charming spring pot plant.
Balloon Vine	hhA	10	wh. gr'n	5	Beautiful flowering shrubs.
Balsam, Mixed double	"	2	various	5	Rapid growing climber.
" Camelia-flowered mixed	"	2	"	10	Balsam or Ladies' Slipper. One of the finest of Summer blooming annuals; also excellent for pot culture.
" white.....oz. $1	"	2	white	10	
" white Perfection	"	2	"	15	
" Solferino	"	2	striped	10	

Aster.

Balsam.

Briza Maxima.

NAME	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Balsam Victoria	hhA	2	spotted	10	
" Apple	"	10	yellow	5	
" Pear	"	10	"	5	Interesting climber, with remarkable fruits.
Begonia, new hybrids	gs	2	various	25	Beautiful new hybrids.
Bocconia Japonica	"	4	white	10	Fine for specimens or groups.
Browallia alata	hhA	1½	blue	5	Striking plants for greenhouse or outdoor cultivation.
" " alba	"	1½	white	5	
Casalia, mixed	hA	1½	various	5	Scarlet and orange tassel
Calceolaria hybrida	gP	2	"	50	Unsurpassed for richness of coloring and beauty of shape.
" rugosa	hhP	2	"	25	
Calendula Meteor	hA	1⅓	striped	5	C. Carpatica, fine for edgings.
" Pongei fl. pl	"	1½	white	10	C. pyramidalis, very handsome in pots.
Campanula Carpartica	hP	1	blue	5	A charming climber.
" alba	"	1	white	5	
* " pyramidalis	hhP	4	blue	5	
Canary Bird Flower	hhA	10	yellow	10	
Candytuft, crimson oz. 40c	ha	1	crimson	5	Beautiful and useful hardy annuals, very effective in beds, groups or ribbon borders; also for pot culture.
" white " "	"	1	white	5	
" mixed " "	"	1	various	5	
" rose " "	"	1	rose	5	
" new carmine " "	"	1	carmine	5	
" Tom. Thumb " "	"	½	white	5	
***Canna** gigantea	hhP	8	red	10	These stately plants are remarkable for their large and handsome foliage, producing a most luxuriant and tropical appearance.
* " Marshal Vaillant	"	4-5	orange	10	
* " Fintelmannii	"	5	yellow	10	
* " nigrians	"	3	red	10	
* " Bihorrelli	"	3	scarlet	10	
* " mixed var. oz. 50c	"	3-6	various	5	
***Canterbury** Bells, blue	hB	3	blue	5	Handsome old-fashioned plants for mixed borders.
* " " white	"	3	white	5	
* " " mixed	"	3	mixed	5	
Carduus benedictus	hA	3	white	5	Ornamental Thistle.
Carnation, finest double	hP	2	various	25	The Carnation Pink is indispensable for its rich flowers and delicious perfume.
" mixed for borders	"		"	10	
" perpetual or tree	"	2	"	50	
Centaurea candidissima 1000 $2	hhP	1	wh. fol.	25	Handsome silver foilage plants for bedding out of the greenhouse.
" Clementei	"	1	"	25	
" gymnocarpa ½ oz. $2	"	1	"	25	
Chrysanthemum, annual mixed	hA	2	various	5	Showy annuals, for mixed beds or borders. Double Golden and Burridgei are very handcome. Chrys. indicum and pompon are beautiful Fall flowering Chrysanthemums.
" double white	"	1	white	5	
" " golden	"	1	orange	15	
" indicum fl. pl	"	1	various	10	
" Buridgei imp	hP	3	"	10	
" ponpon fl. pl	"	2	"	10	
Cineraria hybridia choicest mixed	gP	1½	"	50	Superb strain; large flowers of beautiful form and color.
" " dwarf mixed	"	¾	"	25	
" " double new	"	1¼	"	75	New varieties, large double flowers.
" maritami	hP	1½	yellow	5	Silvery foliage bedding plant.

Batchelor Button.

Cyclamen.

Castor Bean

NAME.	Hardiness and Duration	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Clarkia pulchella	hA	1	pink	5	Very pretty free flowering annuals.
" mixed varieties	"	1	various	5	
Clianthus Dampieri	gs	4	scarlet	15	Beautiful greenhouse plant.
***Cobaea** scandens	hhP	20	purple	10	Rapid growing, handsome climber.
Cockscomb, dwarf, crimson	hhA	1	crimson	5	Exceedingly handsome plants. The dwarf varieties are excellent for pot culture. The Glasgow and New Empress Coxcombs are new and very fine.
" Glasgow Prize	"	¾	purple	10	
" New Empress	"	1	crimson	5	
" New Japan	"	3	scarlet	10	
" feathered, mixed	"	3	various	10	
Coleus, from newest varieties	tP	2	var. fol.	25	One of the most effective plants in carpet bedding.
Collinsia bicolor	hA	1	pur. wh.	5	Attractive annuals; if sown in Fall will flower early in Spring.
" mixed varieties	"	1	various	5	
Convolvulus major.....oz. 15c	"	10	"	5	C. Major (Morning Glory) is one of the best known climbers.
" minor.....oz. 30c	"	1	"	5	
" Mauritanicus	hhP	spr	lav'nder	10	
Cotton Plant	tA	3	yellow	5	Curious; for pots.
Cowslip, English	hP	¾	mixed	5	Favorite Spring flower.
Cyclamen Persicum	hhP	½	"	25	
" extra choice	"	½	"	50	Beautiful sweet scented greenhouse plants.
" giganteum	"	½	"	50	
Cypress Vine scarlet.....oz. 50c	tA	10	scarlet	5	
" scarlet, ivy leaved....oz. 50c				10	
" white.....oz. 50c	"	10	white	5	Well-known beautiful climbers.
" mixed.....oz. 50c	"	10	div.	5	
***Dahlia,** finest double	hhA	6	various	10	
" Lilliputian varieties	"	4	"	25	
" single mixed	hhP	3	"	10	Stately Autumn flowering plants.
Daisy, double	hP	¼	"	15	
Datura chloranta, double	hhA	3	yellow	10	Finest mixed.
" meteloides	"	3	w. & b.	5	Very showy trumpet-shaped flowers.
Delphinium formosum	hP	2	blue	5	
" nudicaule	"	1	scarlet	10	Splendid plants for large borders
Devil-in-a-bush	hA	1½	b. & w.	5	Curious and pretty.
***Dianthus** Chenensis, double oz. 75c.	hP	1	mixed	5	Fine variety of China Pink; should be in every garden.
* " Heddewigii	"	1	"	10	
* " diadematus, double	"	1	"	10	
Dolichos lablab.....oz. 40c	ta	10	purple	5	Hyacinth Bean; free growing climber.
" " alba		10	white	5	
Erythrina crista galli	hhP	4	scarlet	10	Coral plants with handsome spikes of blossoms.
" corallodendron	"	6	"	25	
Epacris, finest mixed	gs	2-3	various	50	Fine greenhouse plants.
Erica, finest mixed	"	1-2	"	10	Cape Heaths.
Eringium Leavenworth	hA	2	purple	10	Beautiful and curious plant.

Convolvulus Minor.

Cowslip.

Dianthus.

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Eschscholtzia California	hA	1	yellow	5	Useful, bright looking plants.
" Mandarien	"	1	crimson	10	
Eucalyptus globulus	tP	6	foliage	10	Blue gum tree, or Fever plant.
Everlasting flowers	hA	2	various	5	For Winter boquets.
Everlasting Peas, white	hP	8	white	5	Beautiful, hardy climber.
" " scarlet	"	8	scarlet	5	
Ferns, mixed varieties	gP	1–2	foliage	25	Beautiful foliage.
Forget-me-not				10	See Myosotis.
Foxglove (Digitalis)	hP	3	various	5	Showy mixed varieties.
***Four o'clocks** (Mirabilis) . .oz. 30c.	hhP	2	"	5	Well-known useful plants.
Fuchsia, finest mixed	"	3–6	"	50	Beautiful greenhouse plants.
***Gaillardia,** mixed	"	2	"	5	Beautiful for border or pots.
Geranium zonale, mixed	"	1½	"	25	Finest mixed varieties.
" Apple scented	"	1	pink	25	
" Pelargonium, mixed	"	1½	various	50	
***Gesneria,** finest mixed	gP	1	"	50	Splendid hothouse plants.
Glaucium corniculatum	hP	2	yellow	10	A fine ornamental plant.
Gloxinia, finest mixed	gP	½	various	50	Charming house plant.
Godetia Whitney	hA	1½	rose	5	Brilliant, profuse flowering, hardy annuals.
" Lady Albemarle	"	1½	crimson	5	
Golden Feathered					See Pyrethrum aureum.
Gourd, Apple	tA	10	yellow	5	Mock Orange; excellent rapid growing climbers, with peculiar and handsome fruits.
" Bottle	"	10	"	5	
" Dipper	"	10	"	5	
" Hercules' Club	"	10	"	5	
" Miniature	"	10	"	5	
" Sugar Trough	"	10	"	5	
" mixed	"	10	"	5	
Helianthus globosus	hA	6	orange	10	Superb double Sunflower.
Helichrysum bracteat"m, Immortelle mixed	hA			5	For winter bouquets.
Heliotrope, mixed varieties	hhP	2	various	10	Well-known, fragrant plants.
***HollyhocK,** double mixed	hB	6		10	Sow in June or July for flowering the next summer.
" finest mixed	"	6		25	
" pure white				10	
Ice Plant	hbA	spr.	white	5	Curious and pretty.
Ipomoea coccinea	"	10	scarlet	5	Very beautiful free flowering climbing vines for outdoor or greenhouse culture.
" Bona Nox	tA	10	white	10	
" variegata	hhA	10	marbled	5	
" leptophylla	hP	5	various	10	
" Quamoclit	tA	10	purple	5	
" " alba	"	10	scarlet	5	The popular Cypress Vine.
Japanese Morning Glory	tA	15	varieg'd	5	Good for pot or outdoor culture.
Lantana, mixed varieties	hhP	3	various	10	
Larkspur, Dwarf Rocket . . . . .oz. 40c.	hA	1	"	5	Fine free flowering plants of various beautiful colors.
" Branching	"	2	"	5	
" Emperor	"	1½	"	10	
Leptosiphon, roseus	"	½	rose	5	Extremely pretty dwarf free flowering plants.
" densiflorus albus	"	½	white	5	

Everlasting.

Gaillardia.

Hollyhock.

NAME	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Liatris pycnostachya	hp	4	pink	10	Kansas Gay Feather.
Linum grandiflorum, scarlet	hhA	3	scarlet	5	Scarlet Flax, very brilliant.
" flavum	hP	1	yellow	10	
Lobelia gracilis	hhA	spr.	blue	10	A charming class of dwarf growing plants for ribbon borders, hanging baskets, rockwork, etc.
" Paxtoniana	"	½	b & w.	10	
" speciosa	"	½	blue	10	
" mixed varieties	"	½		10	
Lophospermum scandens	"	10	rose	10	Climber, trumpet-shaped flowers.
Love-Lies-Bleeding	hA	3	crimson	5	Showy border annual.
Love-in-a-Mist	"	1	blue	5	Curious and pretty.
Lupinus Cruikshanki	"	3	b. w. yel.	5	Among the handsomest easily grown garden annuals. To produce fine plants, start on heat, plant separately in pots and turn out into rich soil.
" hybridus insignis	"	3	dark red	5	
" subcarnosus	"	1½	r. b. p.	5	
" polyphyllus	hP	3	blue	5	
" mixed annual	hA	3	various	5	
Marigold African	hA	2	mixed	5	Fine class of plants for mixed beds or borders.
" French Dwarf	"	1	"	5	
***Marvel** of Peru ..... oz. 30c.	hhP	2	"	5	Four O'clock.
Maurandya alba	"	10	"	10	One of the most interesting and useful of climbing plants.
" Barclayana	"	10	purple	10	
" mixed	"	10	various	10	
Mignonette, large flowered, oz. 25c.	hA	1	bluff	5	The New Giant Pyramidal, Miles Spiral, The Prize, and New Dwarf compact are varieties of recent introduction, producing splendid spikes of deliciously fragrant bloom.
" pyramidal " oz. 40c.	"	1	"	5	
" New Gi'nt pry'al, oz. 50c	"	1½	"	10	
" Miles' Spiral	"	1	"	10	
" The Prize ..... oz. 50c.	"	1	"	10	
" New Dwarf compact	"	1	"	10	
" Bird's Improved, oz. 50c.	"	1½	yellow	10	
" Golden Queen	"	1	"	10	
Mimosa Pudica, Sensitive plant	"	.....	.....	5	
Moon Vine	"	20	white	5	The vines are covered with immense white flowers, 6 inches or more across.
***Mimulus** hybridus	hhP	1	various	10	Mush plant.
* " moschatus (Musk Plant)	"	½	yellow	10	M. moschatus is the well-known.
Myosotis palustris	hP	1	blue	10	Forget-me-not. These beautiful little flowers succeed best in moist situations.
" " alba	"	1	white	10	
" dissitiflora	"	½	dk. blue	15	
" alpestris	"	spr.	blue	10	
Nasturtium King of Tom Thumbs	hA	1	scarlet	5	Plant of great beauty, blooming profusely in poor soil. The tall varieties are excellent climbers for covering old walls, trellises, etc.
" Tom Thumb, yellow	"	1	yellow	5	
" Crystal Palace Gem	"	1	sul. spt.	5	
" King Theodore	"	1	black	5	
" Ruby King	"	1	carmine	5	
" Dwarf, mixed ... oz. 10c.	"	1	various	5	
" Tall, mixed ..... oz. 10c.	"	6	"	5	
Nelubium luteum	hP	p. r.	yellow	10	Beautiful Water Lily.

Lobelia.

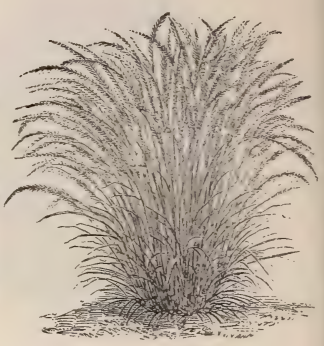
Moonvine.

Nasturtium.

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Nemophila insignis	hA	1	blue	5	Very pretty free blooming dwarf annuals.
" maculata	"	1	spotted	5	
" mixed colors....oz. 40c.	"	2	various	5	Evening Primrose.
Oenothera	hhP	2	"	10	
***Pansy,** mixed colors....oz. $1.50	hP	½	"	10	Valuable early Spring blooming plants. Bugnot's International Pansy is a splendid new strain
* " finest mixed....oz. $2.50	"	½	"	25	
* " Odier or blotched	"	½	"	15	
* " Emperor William	"	½	blue	15	
" White			white	15	
" King of the Blacks	"	½	black	15	Handsome flower spikes.
Passiflora coerulea	hP	10	various	10	Bronzy purple foliage.
Penstemon, mixed varieties	"	2	blue	10	Passion Flower.
Perilla Nankinensis	hhA	2	purple	5	
***Petunia,** fine mixed....oz. 75c.	hhP	2	various	10	Beautiful bedding or pot plants producing a great variety of charming colors and continuing in bloom all Summer.
* " finest striped and blotched	"	2	"	25	
* " double	"	2	"	25	
* " new double, tinged	"	2	"	50	
* " Countess of Ellesmere	"	2	pr. & w.	5	
* " nyctaginiflora	"	2	white	5	
Phlox Drummondi, alba	hhA	1	"	10	The P. Drummondii is one of our very best annuals, noted for richness of color, profuseness of blossom, and length of duration in bloom. No garden should be without a bed of it.
" " coccinea	"	1	scarlet	10	
" " atropurpurea	"	1	d. purple	10	
" " Black Warrior	"	1	d. red	10	
" " Leopoldi	"	1	w. er,	10	
" " grandiflora spl.	"	1	sc. & w.	10	
" " mixed....oz. 75c.	"	1	various	5	
Picotee fine mixed	hhP	2	"	25	Rich and beautiful colors.
" extra choice	"	2	"	50	
***Pink** Chinese, double ....oz. 75c.	hB	1	"	5	See Dianthus.
Polyanthus, choice	hP	½	"	25	Lovely Spring Flower.
Poppy, finest, mixed double	hA	1	various	5	Very beautiful hardy perennials.
" Shirley	"	1	tinted	5	
Portulaca, Bedmanii	hhA	½	white	10	This popular annual is unrivaled for brilliancy of color, and is of the easiest culture; the double varieties are especially beautiful, resembling miniature roses in form.
" Pheasantii	"	½	salmon	5	
" golden striped	"	½	striped	5	
" splendens	"	½	purple	5	
" alba	"	½	white	5	
" Thellusoni	"	½	scarlet	5	
" Thorburnii	"	½	yellow	5	
" mixed, single....oz. 50c.	"	½	various	5	
" double finest	"	½	"	10	
Primula Sinensis, fringed, red	gP	½	red	50	Chinese Primrose; is an invaluable and very beautiful class for Spring and Winter, decoration of the greenhouse, conservatory or drawing room.
" " " white	"	½	white	50	
" " " striped	"	½	striped	50	
" " " mixed	"	½	various	50	
" " double white	"	½	white	75	
" " " red	"	½	red	75	
" " " mixed	"	½	mixed	75	

Petunia

Sensitive Plant.



Stipa.

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
*Pyrethrum carneum	hA	1½	flesh	10	The Insect Powder Plant Valuable as bedding plants.
* " Golden Feather	"	½	yellow	10	
* " Gem	"	½	"	10	
Rocket Sweet, white	"	2	white	5	Free flowering fragrant perennials.
" purple	"	2	purple	5	
" mixed	"	2	mixed	5	
Ricinus Borboniensis arboreus	hbA	15	violet	5	Stately plants, with large, handsome foliage; fine in groups or as single specimens.
" Duchess of Edinburgh	"	8	"	5	
" Gibsoni	"	5	red fol.	5	
" sanguineus	"	8	"	5	
" mixed varieties oz. 30c.	"	—	various	5	Very showy.
Salpiglossis, mixed	hhA	1	"	5	Splendid free flowering ornamental plants.
Salvia splendens	hhP	3	scarlet	10	
" alba	"	3	white	25	
" patens	"	3	blue	25	Free blooming trailing plant.
Sanvitalia, procumbens fl. pl	hA	spr.	yellow	5	Pretty, compact growing plant
Saponaria calabrica	"	1	pink	5	Sweet Scabiosa, very pretty, useful for bouquets.
*Scabiosa, dwarf double	hB	1½	various	5	
* " candidissima	"	2	white	5	Curious and interesting.
Sensitive Plant	tA	1	pink	5	Charming dwarf compact plant.
Silene pendula compacta	Ah	½	"	5	Charming greenhouse climber.
Smilax (Myrsiphyllum)	gP	6	white	10	See Antirrhinum.
Snapdragon					Ornamental fruit bearing plants, charming as pot plants.
Solanum capsicastrum	hhP	1	sc. fruit	10	
" Weatherill's hybrids	hhA	div.	various	10	
Sweet William, auricula flowered	hP	1½	mixed	5	Very beautiful hardy perennials.
" " double mixed	"	1	"	5	
Stock, German, Ten Weeks, mixed	nhA	1	various	5	These much admired fragrant flowers are everywhere popular, their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time. For outdoor culture transplant when small; plant in rich soil, with mixture of lime and rubbish.
" " large, flowering	"	1	"	10	
" " dwarf pyramid	"	1	"	15	
" " pure white	"	1	white	15	
" " blood red	"	1	d. red	15	
" " canary yellow	"	1	yellow	15	
" " Wallflower leaved	"	2	various	10	
" Intermediate, white	hnB	2	white	10	
" " crimson	"	2	crimson	10	
" Brompton, or winter	"	2	mixed	10	
" Emperor, or Perpetual	hhP	2	"	10	
Sweet Pea, Navy Blue	hA	5	pure blue	5	A beautiful and highly popular class of hardy annual climbers deliciously fragrant.
" Pink Friar	"	5	pink	5	
" Mars	"	5	scarlet	5	
" Blanche Ferry	"	5	pure pink	5	
" Blanche Burpee	"	5	lg. white	5	
" Dorothy Tennant	"	5	manœ	5	
" Emily Eckford	"	5	hel'trope	5	
" Mrs. Eckford	"	5	yellow	5	
" Finest Mixed	"	5	various	5	
" Dwarf Cupid oz. 20c.	"	5	"	5	

Verbena.

Violet.

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Taconia Van Volxemii	gP	6	scarlet	25	Splendid greenhouse climber.
Tagetes pumila	hA	1	yellow	5	Excellent for bedding.
Thunbergia alata	hhA	5	buff	5	Slender, rapid growing climbers with very pretty flowers, which are freely produced.
" alba	"	5	white	5	
" Freyeri	"	5	orange	5	
" mixed	"	5	various	5	
*__Torenia__ Bailloni	hhB	1	yellow	15	Charming pot plants for easy culture.
* " Fournieri	"	1	blue	15	
Tritoma Uvaria	hhP	4	red	10	Red-hot Poker plant.
Tropaeolum Lobbianam....oz 10c.	hhA	6	various	10	Brilliant climbing plants for verandas, trellises large vases, etc.
" Spitfire	"	6	scarlet	10	
" peregrinum can. b. fl.	"	10	yellow	10	
*__Verbena,__ mammoth mixed..oz. $2.00	hhP	spr.	various	10	The Verbena is deservedly the unversal favorite. The seed of the finest mixed is from the finest flowers in cultivation.
* " finest mixed.....oz. $5 00	"	"	"	15	
* " scarlet	"	"	scarlet	10	
* " white	"	"	white	10	
*__Vinca__ alba	tP	2	"	10	Fine as pot plant in Winter, or for the border in Summer.
* " rosea	"	2	rose	10	
* " alba oculata	"	2	d. eye	10	
*__Violet,__ sweet-scented	hP	½	blue	10	Delightfully fragrant.
* " The Czar	"	½	"	15	
Wallflower, single	hhP	2	mixed	5	An old-fashioned fragrant flower.
" double	"	2	"	10	
*__Whitlavia__ grandiflora	hA	1	purple	5	Pretty bell-shaped flowers.
" gloxinoides	"	2	b. & w.	5	
Wild Cucumber	"	20	white	5	A fast-growing ornamental vine.
Wild Flower Garden				5	Mixture of fine annuals and per'ls
Zinnia elegans, double.....oz. 50c.	hhA	5	mixed	5	Brilliant flowers of many shades of color.
" Haageana fl pl	"	10	orange	10	

Ammoniated Flower Food.

A Dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants, free from vermin.

This Ammoniated food was the *first* odorless chemical preparation made and sold in this country. It is made expressly for flowers grown in the house, garden, or conservatory, and contains the same plant food as stable dressing, but in a cleaner and more soluble form.

Price 10 cents per Package.

The Success of Nitro-Culture.

WHAT NITRO-CULTURE IS.

Nitro-culture consists of nitrogen collecting Bacteria which work in the soil and on the roots of leguminous plants, having the power to collect free nitrogen from the air and supply it to the plants.! All plants need nitrogen, which is very costly when obtained through chemical fertilizers. The remarkable increase of crop frequently reported and caused by inoculation is due wholly to the large amount of nitrogen collected from the air by the Bacteria.

Method of Using. The Bacteria are furnished dried on absorbent cotton and can be readily forwarded by mail to any section of the country. Full directions accompany each package, which no farmer can have any difficulty in following out.

Value as Soil Renovator. It has been ascertained from the most reliable sources that the average inoculated leguminous crops such as Clover, Alfaefa, Vetch, Peas, Beans, etc., will not only under the proper conditions show an increase of crop, but also that the Bacteria will collect from the air and leave in the soil at the end of the season after the crop is harvested not less than 100 pounds of nitrogen per acre. This nitrogen at present market prices would be worth $15.00 and upwards per acre, and would show a corresponding increase in the next succeeding crop, no matter what it may be.

Increase of Crop. It would be impossible for us to estimate what the increase caused by inoculation might be. Conditions vary in different sections. In some cases increases are reported to be very great, crops like Alfalfa, Clover, Vetch, Peas, Beans,etc., having been made to grow in sections where they had never been successfully grown before. We therefore, advise our customers to try the experiment and ascertain the true value of **Nitro-Culture** of their respective soils.

When ordering, state what particular crop you desire to inoculate. Crops mentioned on the same line, require the same Bacteria.

Alfalfa or Lucerne.
Red, Yellow or Mammoth Clover.
Alsike or White Clover.
Crimson Clover.
Burr Clover.
Cow, Clay, Whip-O'-Will, Black Eye Peas.
Garden Peas.
Garden Beans (Wax, String, Lima, Pea or Kidney).
Soy Beans.
Velvet Beans.
Vetch.
Peanuts.
Field Peas.
Sweet Peas.

PRICE-LIST.

TRIAL PACKAGE	$ .50
1-ACRE PACKAGE	1.50
5-ACRE PACKAGE	5.00
20-ACRE PACKAGE	18.00
50--ACRE PACKAGE	40.00

SPECIAL GARDEN PACKAGES.

SWEET PEAS	$ .25
GARDEN BEANS	.25
GARDEN PEAS	.25

Nitro-Culture cannot be furnished for any crops like corn, wheat, potatoes, cotton, etc., but only those which are mentioned on the above price-list. Inoculated clover may be planted with oats or other crops, and we have reason to believe that they will be benefited.

ROSEBUSHES, BULBS, ETC.

Hardy Roses. Two year old, Holland grown, our own importation. We carry the larges assortment of **Rosebushes** in the state. Both hardy and everblooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

Caladium.

American Beauty. Rich, rosy-crimson. Very large.
White American Beauty. Very large, pure snow white.
Baroness Rothschild. Bright, rosy pink, Immense signs.
Crimson Rambler. Immense cluster bright red flower—very quick grower and hardy.
White Rambler. Same as Crimson, cut with pure white blooms, hardy.
Yellow Rambler. Yellow blooms in big clusters, hardy.
Genl. Jack. Large brilliant, blood-red blooms. Fine bloomer.
Giant of Battles. Rich shade of rosy-crimson.
Glorie de Dijon. Free blooming climber. Tea scented flowers of creamy white tinged with salmon and pink.
La France Pink. One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.
La France Red. Large blooms of brilliant rose pink almost crimson.
La France White. Same as above two, but blooms are pure white. Very free bloomer.
Kaiserine Aug. Victoria. One of the best blooming, largest and sweetest white roses grown.
Marechal Neil. Large, clear yellow. Ever bloomer.
Magna Charta. Rosy crimson. Large buds and bloomes.
Mrs. John Laing. Clear shining pink, beautifully shaded.
Merville de Lyon. Ivory white flushed with carmine.
Mons. Boncenne. Dark, velvety crimson. Very large.
Perle de Lyon. Deep golden. Ever bloomer.
Paul Neyron. Dark rose, very large and fragrant.

15c each 2 for 25c.

BULBS.

Tuberoses. One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm. No. 1 Pearl Dbl, 3c.; 2 for 5 cents.

Dahlias.

Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 15c. each; 2 for 25c.

Caladium Esculentum. Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get best results plant in rich soil and give plenty of water. With such treatment a select size bulb will make a plant about 5 feet high with leaves 3 feet long and 20 inches wide. 7 to 9 inches 5c.; 9 to 11 inches 10c.; extra large 15c.

Gladiolus

Extra Fine Mixed. With a view to supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Childs' hybrids and other best mixtures, which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c each; 30c dozen.

Paeonies. No other plant flowering at the same season can vie with the Paeony for beauty. They are perfectly hardy, requiring no protection whatever, are not troubled with insects or diseases, and once planted take care of themselves. Price 20 cents each.

Cannas. Extra strong roots, 5c. each.

A General Fertilizer Suitable for Every Crop.

Stands ahead of anything in the market in Analysus, Selling Price and Results. The Great Satisfaction this Fertilizer has given our Customers, being so universal, enables us to recommed it as the Leading Artificial Manure in the Market.

Muzzy Bros.' "Sure" Phosphate

FOR GENERAL CROPS. BEST FERTILIZER EVER MANUFACTURED.

GUARANTEED ANALYSIS.

Nitrogen .....2.46 to 3.28 per cent.	Insoluable Phos. Acid .....1 to 2 per cent.
Equal to Ammonia .....3 to 4 per cent.	Total Phos. Acid .....10 to 11 per cent.
Available Phos. Acid .....8 to 10 per cent.	Potash Actual .....6 to 8 per cent.
	Equal to Sulph. Potash..11.09 to 12.94 per cent.

Per ton (10 bags), $33.00; per bag (200 lbs.), $3.50.

Muzzy Bros.' "Sure" Super-Phosphate

FOR POTATOES.

Nearly every farmer grows Potatoes, and consequently is, with the trucker and market gardener, interested in buying that fertilizer which, for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that witha Potato Manure made from first-class material, like our **"SWIFT-SURE" SUPER-PHOSPHATE FOR POTATOES**, you can grow a larger crop of Potatoes than you can with barnyard manure, and have them smoother, free from imperfections and of more uniform size.

GUARANTEED ANALYSIS.

Nitrogen .....2.46 to 3.28 per cent.	Insoluable Phos. Acid .....1 to 2 per cent.
Equal to Ammonia .....3 to 4 per cent.	Total Phos. Acid .....9 to 11 per cent.
Available Phos. Acid .....8 to 10 per cent	Potash Actual .....7 to 8 per cent.
	Equal to Sulph. Potash..12.94 to 14.79 per cent.

Per ton (10 bags), $33.00; per bag (200 lbs.), $3.50.

Muzzy Bros.' Special Fertilizer

AN EXCELLENT FERTILIZER FOR GENERAL CROPS.

Nitrogen .....1.65 to 2.47 per cent.	Total Phos. Acid .....9 to 11 per cent.
Equal to Ammonia .....2 to 3 per cent.	Insoluable Phos. Acid .....1 to 2 per cent.
Available Phos. Acid .....8 to 10 per cent.	Potash Actual .....4 to 5 per cent.
	Equal to Sulph. Potash....7.40 to 9.25 per cent.

Per ton (10 bags) $30.00; per bag (200 lbs.) $3.25.

Nitrate of Soda.

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above ground, when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs., 35c.; 10 lbs., 50c.; 25 lbs., $1.25; 50 lbs., $2.00. Bags trifle over 200 lbs., $3.50 per 100 lbs.

FINE GROUND BONE FOR LAWNS

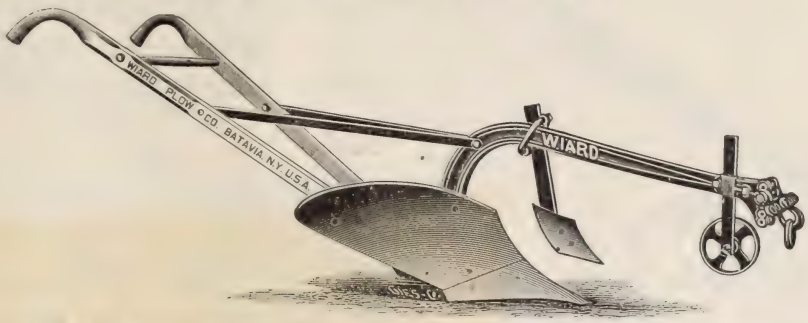
AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS

GUARANTEED ANALYSIS:

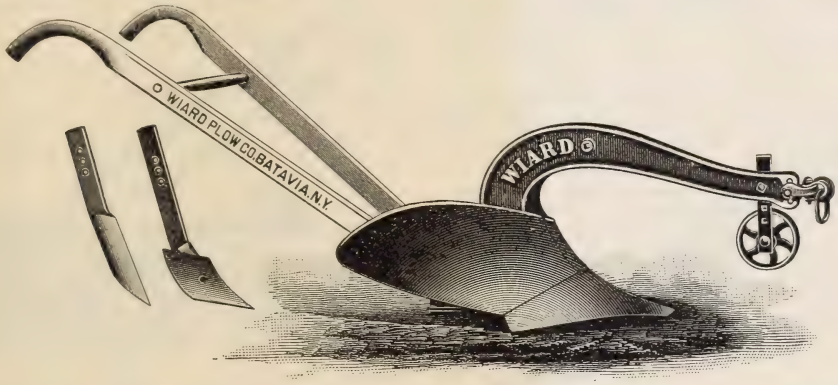
4 to 5 per cent. Ammonia, 45 per cent. Bone Phosphate of Lime

5-pound Bag	for space	20x 25 feet	$ 25
10 "	"	20x 50 "	40
25 "	"	25x100 "	90
50 "	"	50x100 "	1 95
100 "	"	¼ acre	3 00

The Wiard Plow.

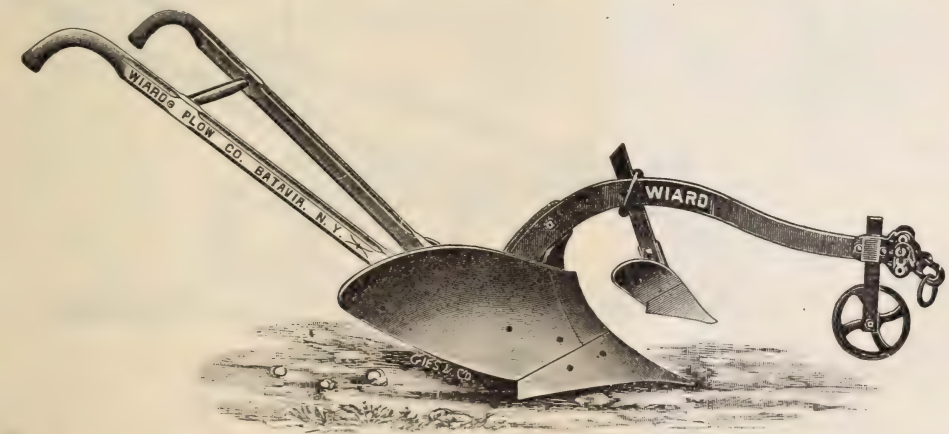


No. 100.—Right hand, with Steel Moldboard, Grooved Steel Beam; light, but very strong. Weight 106 lbs. Full rigged $13.98



No. 200.—Two horse, Cast Beam, Full Rigged $9.00

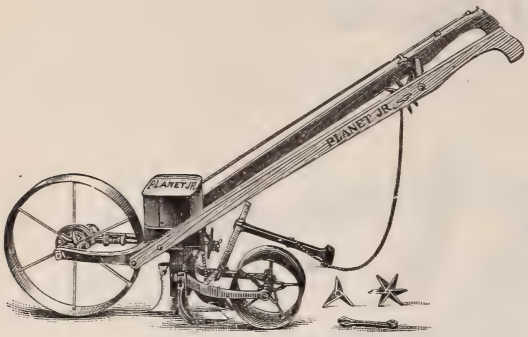
A medium priced plow with a finely shaped moldboard, shin piece and every other requirement of a strong, durable and serviceable plow. Will last a lifetime.



No. 72.—Light Two-horse, Steel Beam, Right-Hand..... Price, $11.98

No. 17.—Two horse Wooden Bean, Full Rigged, Chilled Mold-Board $11.98
No. 62.—Small One-horse, Wood Bean, with Clevis only $3.98
No. 13.—Light One-horse Wood Beam, with Clevis only $5.50
No. 91.—Two-horse, Steel Beam, Right-Hand $11.98
No. 10.—One-horse, Wood Beam, Right-Hand, Chilled Mold-Board, Adjustable Handles for height and running close to rows $6.50
No. 115x.—Swivel, Light Two-horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis $13.75
No. 21.—Swivel, One-horse, Cast Mold-Board, Wood Beam $7.98
Weeder—7 1-2 feet wide, 35 adjustable spring steel teth $7.98

REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK.



"Planet Jr." No. 4.

HILL DROPPING SEED DRILL, HOE, CULTIVATOR AND PLOW.

PRICE COMPLETE.....$10.00
PRICE AS A DRILL ONLY $8.00

We are pleased to offer for 1907 a new combined tool of great excellence, which we can scarcely recommend too highly. It combines conveniently in a single garden implement a capital hill dropping and a continuous row seeder with the most perfect and complete wheel hoe, cultivator, rake and plow that the most practical can desire. Designed by a practical man, it is light, compact, durable and easy running, and does all its great variety of work with a thoroughness and perfection that has never before been attempted much less equalled.

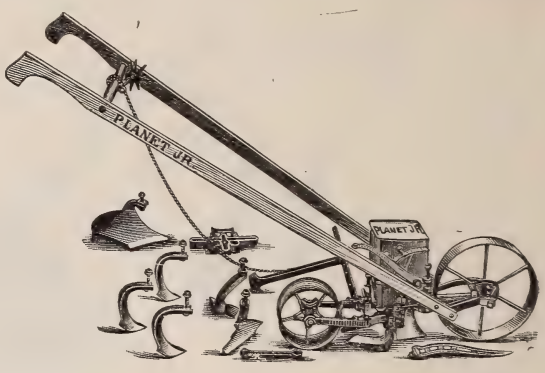
The "Planet Jr." Garden Seed Drills

"Planet Jr." No. 3

MARKET GARDENER'S HILL AND SEEDER DRILL.

Price - - - $10.00

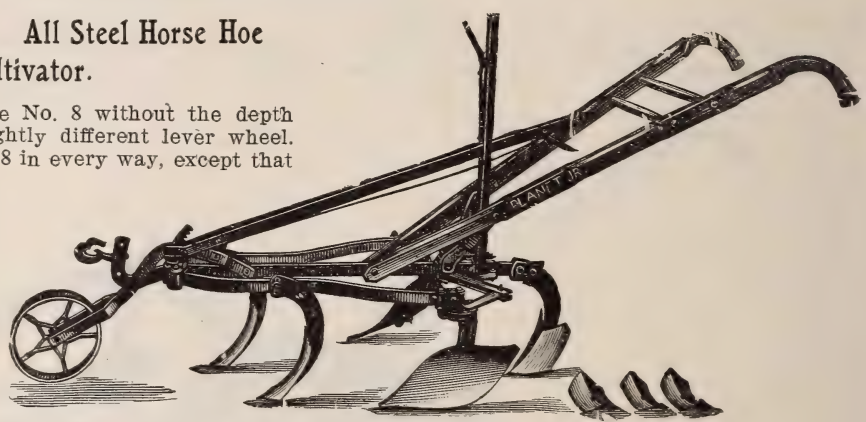
The Favorite among market gardeners, onion growers and seedmen. Hill dropping at 4, 6, 8, 12 and 14 inches apart. Can be changed instantly to drill. The regulation in amount to handle seed is absolutely correct, and very simple to handle. Handles are adjustable in height, for man or boy.



No. 7 "Planet Jr." All Steel Horse Hoe and Cultivator.

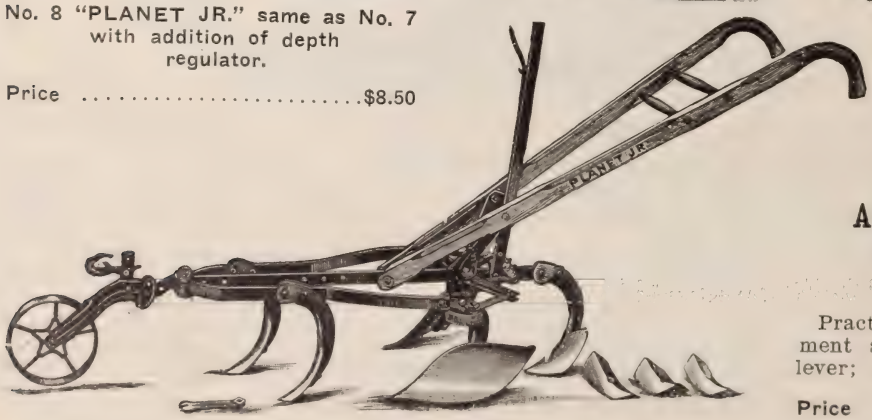
This horse hoe is the No. 8 without the depth regulator and with a slightly different lever wheel. It works the same as No. 8 in every way, except that it lacks the perfect steadiness and absolute control of depth made possible by the depth regulator.

No. 7 HORSE HOE, Price with attachment as in cut, $8.00.



No. 8 "PLANET JR." same as No. 7 with addition of depth regulator.

Price $8.50



No. 5 "Planet Jr." All Steel Horse Hoe and Cultivator.

Practically the same implement as No. 7, except wheel lever; it is our leader.

Price $6.85

"PLANET JR." No. 12

Double Wheel Hoe, Cultivator and Plow.

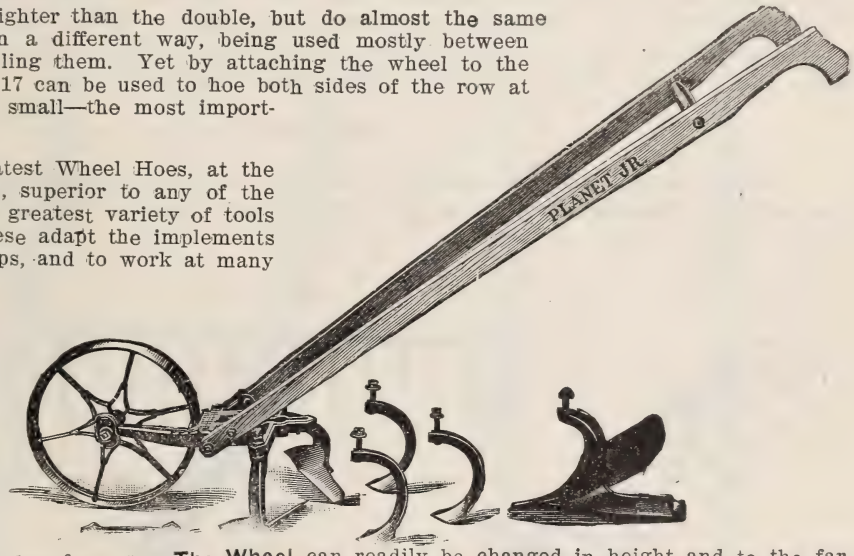
The "Planet Jr.," Double Wheel Hoe is a great favorite ,especially for field work. **It hoes both sides of the row at once at the speed of a moderate walk.** A wheel hoe should be double or at least be capable of hoeing both sides of a row at one passage. ny inequalities can be accurately followed when straddling but one row, while between two the tool must work the narrowest points, and therefore be quite too narrow for the wider parts; nor can a person watch two rows and work them as closely as one, even if planted accurately.

No. 12.—Price.....$6.50

No. 13.—Double Wheel with Hoes and Wrench. Price $4.25

"PLANET JR." No. 17. CULTIVATOR and LARGE GARDEN PLOUGH. SINGLE WHEEL HOES.

SINGLE Wheel Hoes are lighter than the double, but do almost the same variety of work, though in a different way, being used mostly between the rows instead of straddling them. Yet by attaching the wheel to the other side of the arm, No. 17 can be used to hoe both sides of the row at once while the plants are small—the most important time.



For 1907 we offer our latest Wheel Hoes, at the highest type of their class, superior to any of the old styles. They have the greatest variety of tools we have ever offered. These adapt the implements to a greater variety of crops, and to work at many different distances apart; there is scarcely any garden culture of which they are not capable.

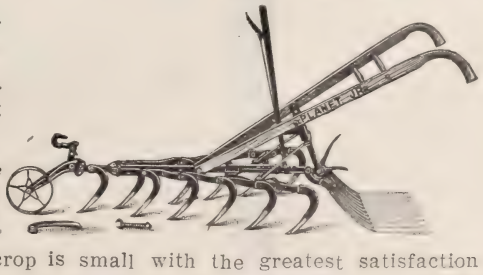
The Handles are adjustable in height. The frame is convenient and strong, with quick change device, which permits the tools to be changed without removing the nuts. This device is used on both our double and single wheel hoe frames. **The Wheel** can readily be changed in height and to the far side of the frame to hoe "both sides at once."

No. 17.—PRICE, Complete.....$4.50
No. 16.—Combined Cultivator, Plow and Rake.....$5.35
No. 18.—Single Wheel Hoe with Hoes and Wrench $3.50

THE "PLANET JR." TWELVE-TOOTH HARROW WITH No. 9 WHEEL,

Plain, $5.00; With Wheel, $6.40; Complete, $8.00.

Cultivator and Pulverizer.



This tool has grown remarkably in favor owing to its neatness and perfect work.

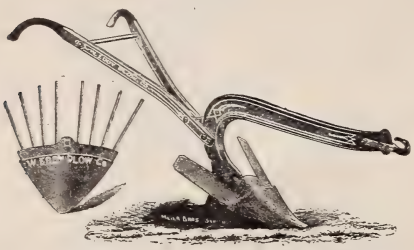
THE FARMER uses it in deep or close cultivation of potatoes, corn, etc., when small, or when desiring to work the crop thoroughly without filling.

THE STRAWBERRY GROWER, to keep the ground loose and to work up and bed the runners; the round-throated teeth lift them and turn them aside without injury; ready to root the mellow soil, which is thoroughly prepared by the numerous small teeth. The Bean Raiser uses it while the crop is small with the greatest satisfaction and benefit, and all through the system it is invaluable.

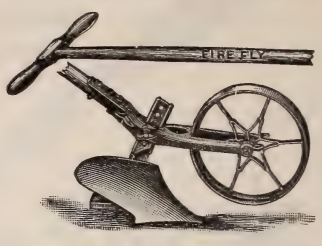
THE MARKET GARDENER finds it the most useful one-horse tool he owns, it narrows in an instant or widens. Cuts deep or shallow, is thorough but gentle in its action, steady running, and is useful everywhere.

MITCHELL Potato Digger and Shovel Plow Combined.

Price, with Wings only.....$5.00
" Potato Digger..... 6.00
" Wings and Potato Digger attachment..... 7.98



FIRE-FLY GARDEN PLOW.



Price, $2.25.

Packed weight 13 lbs.

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a **SHOVEL PLOW,** or **POTATO DIGGER.** The fingers are adjustable, being held in position by the plow point. Thus, in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are made of steel, rendering it light, strong and durable.

THE "BOSS" PLOW.

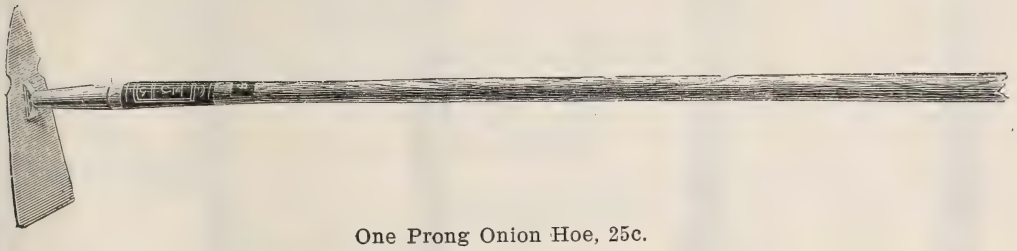
This is the best one-horse convertible plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shears that come with the plow, the purchaser actually **has four plows in one.**

10 Tine Mallable Rake, 18c.
12 Tine Mallable Rake, 20c.
14 Tine Mallable Rake, 25c.

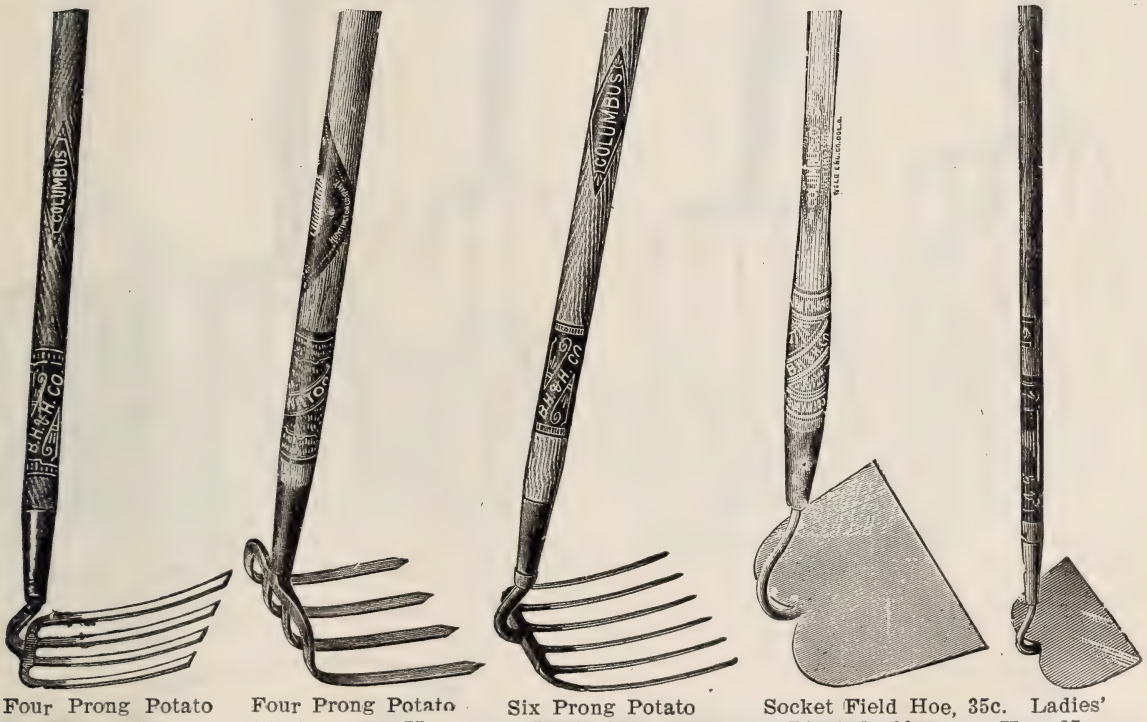
10 Tine Cast Steel Rake, Plain, 35c.; with Bow Brace, 45c.
12 Tine Cast Steel Rake, Plain, 40c.; with Bow Brace, 50c.
14 Tine Cast Steel Rake, Plain, 45c.; with Bow Brace, 55c.
16 Tine Cast Steel Rake, Plain, 50c.; with Bow Brace, 60c.

Two Prong Onion Hoe, 30c
One Prong Onion Hoe, 25c.

Four Prong Weeding Hoe, Cast Steel, 30c.
Four Prong Weeding Hoe, Malleable, 25c.
Six Prong Weeding Hoe, Malleable, 25c.



One Prong Onion Hoe, 25c.



Four Prong Potato Hook, 50c. | Four Prong Potato Hook, heavy, 75c. | Six Prong Potato Hook, 60c. | Socket Field Hoe, 35c. | Ladies' Hoe, 25c. Riveted, 20c.

LONG AND SHORT HANDLE SHOVELS AND SPADES.

THE OLE OLSEN LAWN RAKE.—(Patent Applied For.)

Is made on Scientific Principles Combining Lightness, Neatness, Strength and Durability.
The knob on end of teeth, set by our patent process, absolutely prevents the teeth from dropping out.
NOTE PARTICULARLY CURVED HEAD. TEETH ARE CLOSE SET AND CLINCHED.

Price, 40c.

WOODEN HAY AND LAWN RAKES.

0 Brand	Price,	$0 15	3 Bow	Price,	$0 30
Single Brand	Price,	20	3 Bow Lawn		35
Double Brand	Price,	25	Wire Lawn Rakes	Price,	$0 40

Six Tine Manure Fork, Strapped, 98c.

Five Tine Manure Fork Strapped, 85c.

Four Tine Manure Fork, Strapped, 70c. Plain, 50c.

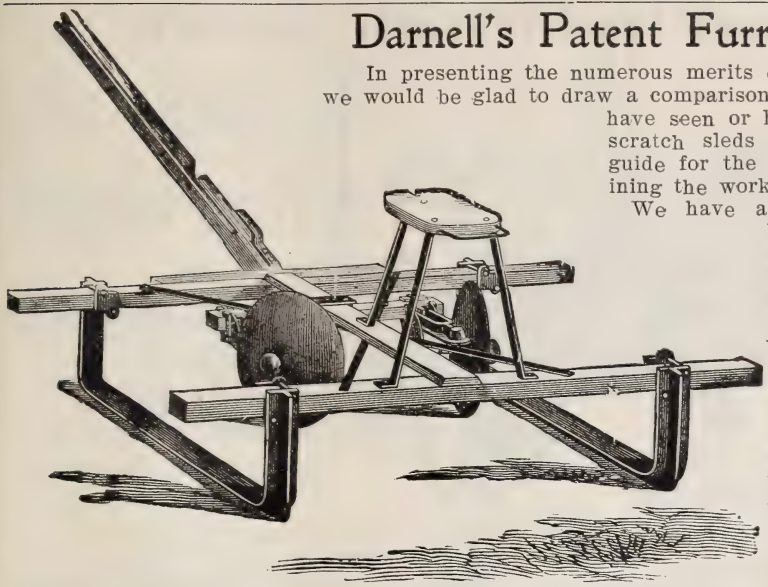
Five Tine Spading Fork, Strapped, 90c.

Four Tine Spading Fork, Strapped, 75c. Plain, 50c.

Two Tine Hay Fork, 5 foot Handle, 35c.

Three Tine Hay Fork, 5-ft handle, plain, 45c. Strapped, 55c. 5½-ft handle plain, 45c. Strapped, 55c.

Darnell's Patent Furrower and Marker.



In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus increasining the work instead of lessening it.

We have a genial ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

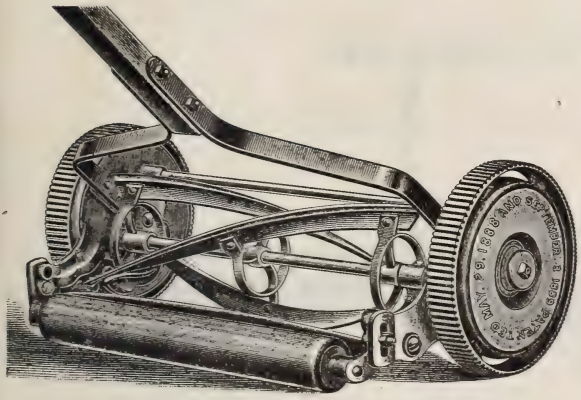
We ride while he walks.

We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground, and do it better.

The "Muzzy" Lawn Mower

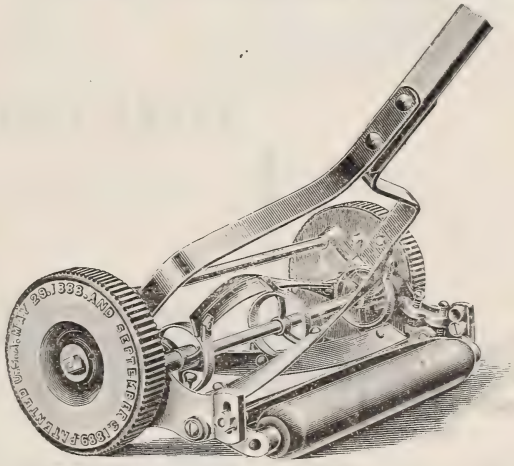
Is one of the best
Mowers manufactured.



Price, all sizes - - - $3.25

THE "PATERSON" LAWN MOWER.

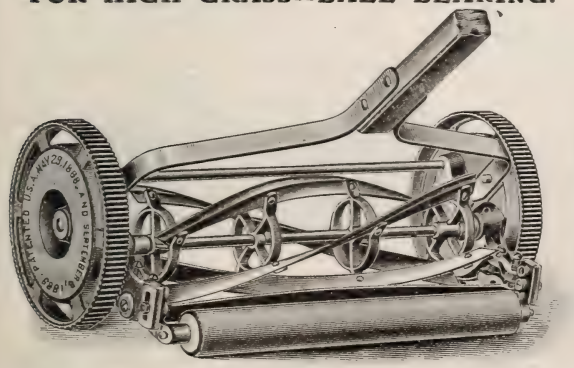
A cheap Mower, giving satisfaction.



Prices, all sizes, 8-inch Wheels - $2.49

THE MUZZY HIGH-WHEEL LAWN MOWER

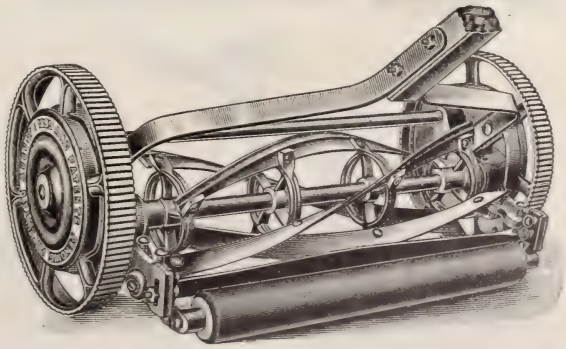
FOR HIGH GRASS--BALL BEARING.



Price, 14 inches.....$4 50
Price, 16 inches..... 5 00
Price 18 inches..... 5 50
Price, 20 inches..... 6 00

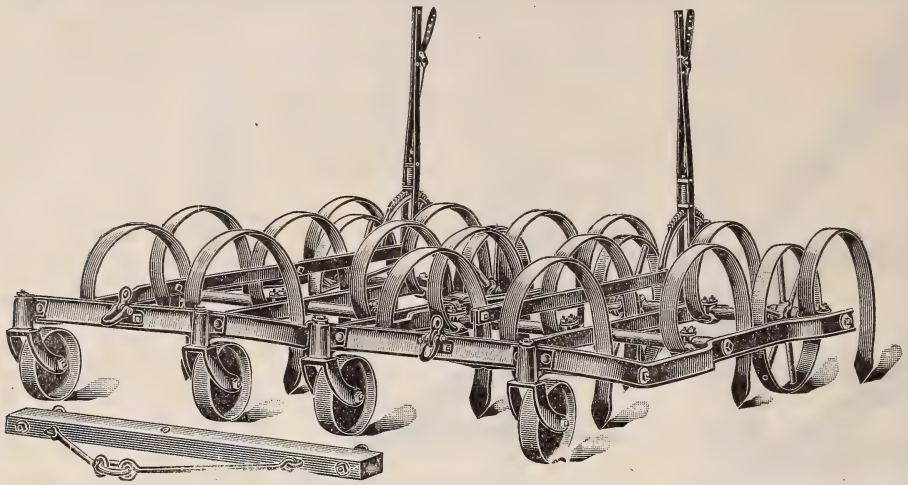
MUZZY CYCLE LAWN MOWER.

FITTED WITH BALL BEARINGS.



Price, 16 inches $6 50
Price, 18 inches..... 8 25
Price 20 inches..... 9 00

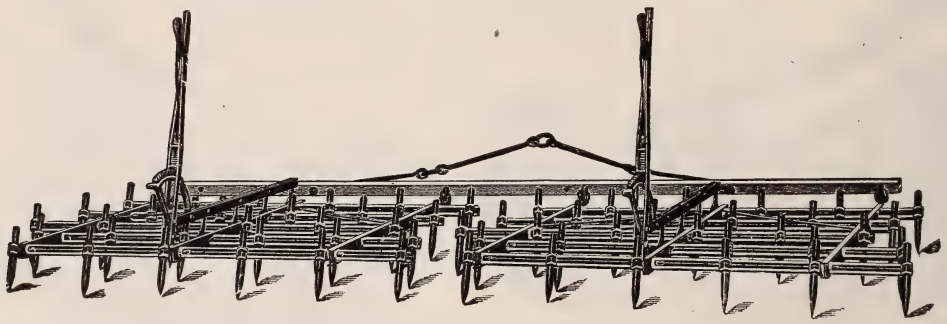
THE NEW REED SPRING TOOTH HARROW.



This form of Harrow is coming into more general use every day. Strongly constructed of the best materials. Can be fitted with wheels or shoes in front as may be desired. So constructed that any number of sections may be instantly added.

	With Shoes.	With Wheels.
14 Tooth	$15 00	$16 50
15 "	16 00	17 50
16 "	17 00	18 50
17 "	18 00	19 50
18 "	19 00	20 50

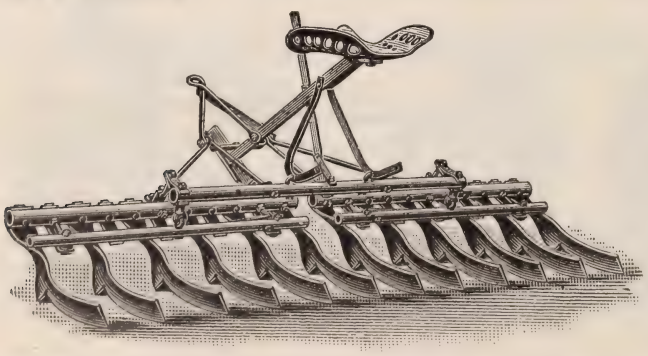
STEEL TOOTH HARROW.



The best smoothing and scratch Harrow now in use. Teeth can be adjusted to any angle by the levers. Frame is made of steel. 60 teeth. 5-8 square.

Stadard U bar $11 50
Standard Crescent 14 00

ACME HARROW. Pulverizing Harrow, Clod Crusher and Leveler.



No. H, Price, one-horse - - - - $14.00
No. 23, Flexible, Price - - - - 16.00

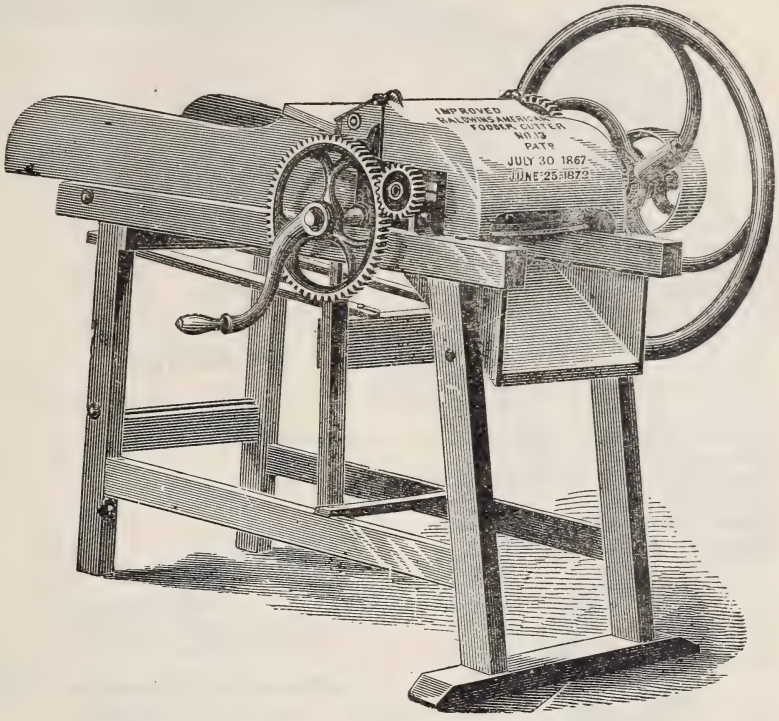
Flower-Bed Guard

Should be used in all gardens, being useful at the same time ornamental. Made of heavy galvanized wire, sixteen inches high, **10 cents per foot.**

The "Baldwin" Fodder and Ensilage Cutters.

Fourteen sizes for Hand and Power

Each Size Cuts Four Different Lengths.



THE BALDWIN HAND FODDER CUTTER.

	1 Knife.	2 Knifes.
No. 1. For hand use; is the smallest size we make. Lenth of knife, 6 inches; length of cut, ½, 1 ½ and 2 in....	$14.40	
No. 9. Machine has 8¼-inch knife, and is our second size Hand Cutter. Lengths of cut with one knife, ½, 1, 1½ and 2 inches; with two knives, ¼, ½ and ¾ inch.....	17.60	20.00
No. 10. Has 9½-inch knife. This size will be found one of the best for persons wishing to cut by hand, for from five to eight head. Length of cut with one knife, ½, 1, 1½ and 2 inches; with two knives, ¼, ½, ¾ and 1 inch.....	20.80	22.80
No. 11. This size has 11-inch knife, and will be found the best for livery stables and farmers wishing to cut by hand for a large stock. Length of cut with one knife, ½, 1, 1½ and 2 inches; with two knives, ¼, ½, ¾ and 1 inch.....	24.00	25.60

No. 12. Is our largest size Hand Cutter. It is a large, powerful Cutter, having a 13-inch knife. It is built very heavy and strong, and will be found just the thing for anyone wishing to cut by hand for a large stock. Length of cut, ½, 1½ and 2 inches..... 30.00

No. 5-A. Power Wheel..... 33.60

No. 13-A. Power Wheel..... 36.00

Lever Hay Cutters.

LEVER HAY CUTTERS.

Noxall, with guage.....**$2.98** **Little York,** with guage.....$3.75

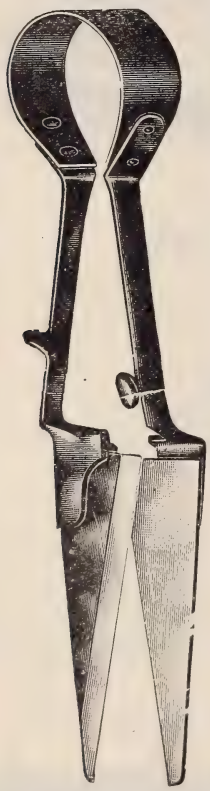
SCYTHES.

Blood's Ribbed Back. None better..... 98c
Blood's Plain Back, Polished,..... 95c
Enameled. A good Scythe at a low price..... 75c
English Lawn. An elegant tool for fine work..... $1.25
Bush Scythe. For rough work..... 75c

SNATHS.

Patent, Plain and Bush. Scythe Stones and Rifles in variety.

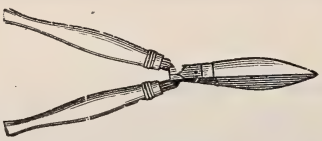
Floral Sets, Consisting of Hoe, Spade and Rake,.....10c, 25c, 39c, 75c, $1.00
Trowels,.....3c, 5c, and 10c
Strawberry or Spading Forks.....5 and 10 cents
Fruit Pickers. Do not bruise fruit ..... 35 cents
Excelsior Weeder.....5 cents
Grafting Wax.....¼ lb., 10c.; ½ lb., 15c., 1 lb., 25c.



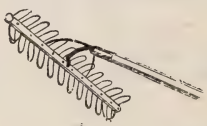
Grass Shears, 25 cts.

Pruning Shears,
19, 25, 45 and 80 cents.

Dibble, Iron or Wood Handle..... 25c
This tool is indispensable for planting small roots and plants; once tried the gardener will neves dispense with it.



Grass or Hedge Shears,
$1.00 to $1.50.



Lawn Rake, 35c.

Garden Syringe, 50c,, and upwards

Pruning Saws.
50c. and 70c.

English Grass Hooks, 25 to 40 cts.

Patent, Sprinkler.
50c, 65c and $1.00.

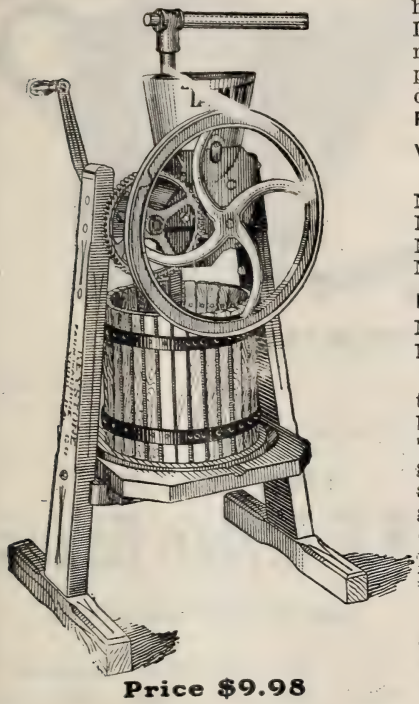
Lawn Sprinklers
35c. to $5.00

Steel Ash Barrel Truck.
Price, $2.50.
Wooden Trucks, $2.50 and up.
Barrel Trucks, $1.98

The "I AM IT" CIDER MILL.

A combined Mill and Press with **geared cylinder,** and adjustable concave, so that grinding can be done as desired either coarse or fine It will grind apples at the rate of one half bushel per minute. It is a Self-Feed—you need not poke the apples to the grinding disc.

Price **$9.98**



Price $9.98

Wine & Cider Presses.

Diameter of Tub.

No. 1, 10 in.....$3.25
No. 2, 12 in..... 3 90
No. 2, ½, .. 4 98
No. 3, 15 in..... 6 50

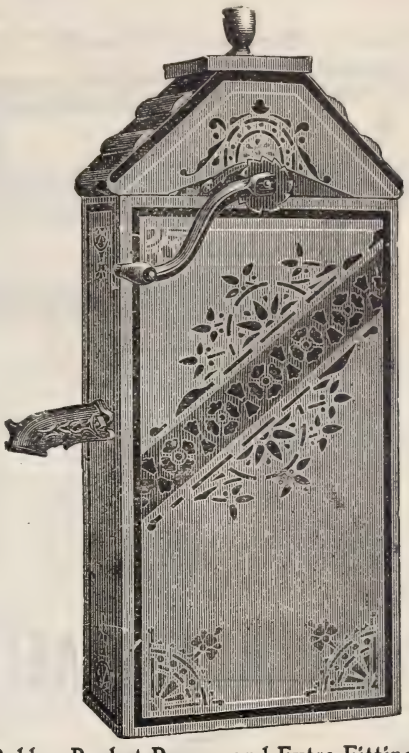
Hutchinson Cider Mill.

No. 0.....Price, $8.50
No. 1.....Price, 9.50

The Grinder No. 0 is the same size as No. 1, but the curb is smaller. The No. 1 will easily grind 10 bushels of apples or twelve of grapes per hour. The curb will contain the pomance of one and a half bushels of apples.

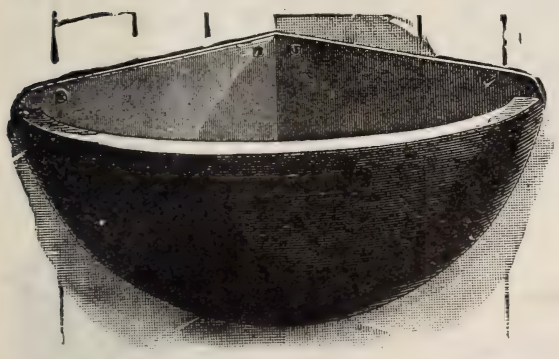
Cider Mills.

Junior **$14 50**
Medium **17 50**
Senior **22 50**



Rubber Bucket Pumps and Extra Fittings.

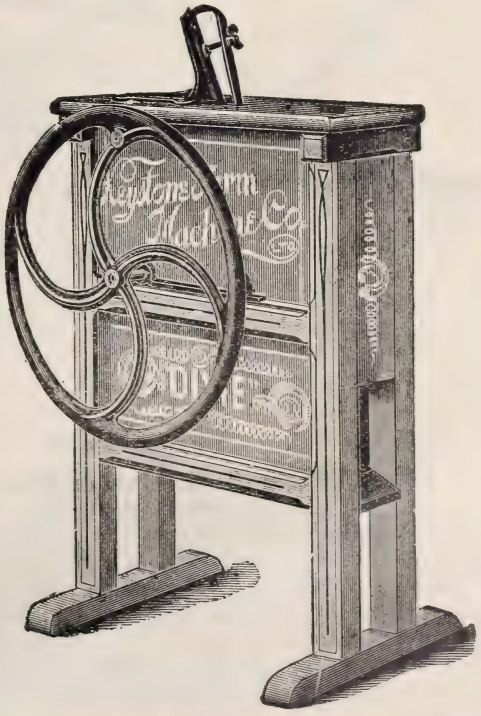
CORNER MANGER.



No. 1, Small for Ponies .....Price, $1 00
No. 2, Medium ..... Price, 1 00
No. 3, Large ..... Price, 1 75
Square Medium ..... Price, 1 75

IRON HAY RACK.

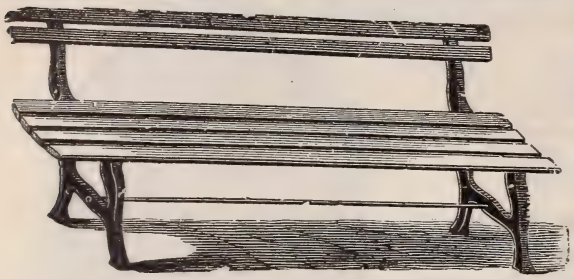
Cast Iron ..... Price, $1 00
Wrought Iron .... Price, 1 50
Wrought Iron half circle..... Price, 1 50



First-Class Corn Sheller

Weight, 119 lbs.; capacity, 12 bu. an hour.
Dixie **$6.50**
The Clipper. Extra high-grade Sheller. Fan attachment for cleaning corn. Weight 130 lbs.; capacity, 12 bushels per hour.
Price **$7.50**

Muzzy Bros.' "Park" Settee.



No. 3. 6 feet long, bolted slates.....$4 48

This is a strong, well made and neatly finished Settee. The timber used in its construction is of the best quality, straight-grained, and tough. Ash is the wood used unless otherwise ordered.

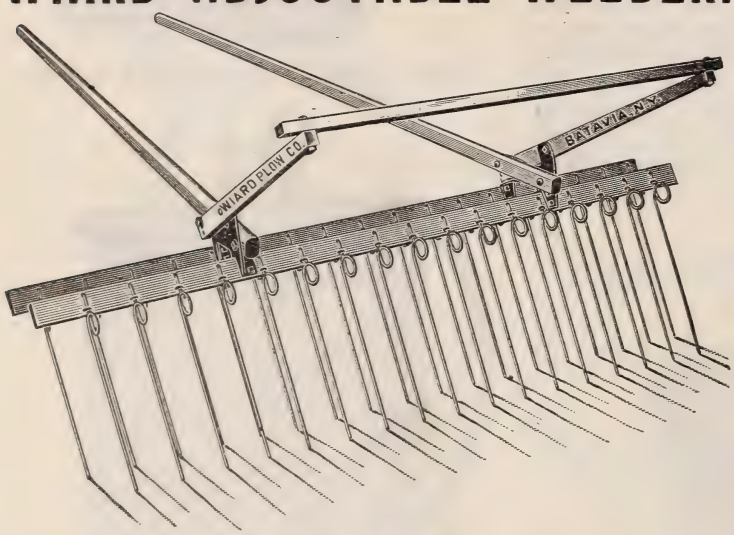
No. 20 Lawn Settee.....$0 75
No. 27 Lawn Settee, narrow screwed slats..... 98
No. 28 Lawn Settee, narrow screwed slats, extra large 1 50
Galvanized Iron Grape Vine, 3 seat.....12 50
Galvanized Wire 8 50
Galvanized Iron, 1 seat..... 4 00

WATERING POTS.

Japanned.....15c. to 59c.
Galvanized.....35c. to 98c.

Extension spouts for galvanized cans extra.

WIARD ADJUSTABLE WEEDER.



Price, $7.50

The Wiard Adjustable Weeder.

1900 Pattern.

Used more especially on planted crops in early spring, but very useful for grain fields when hard and dry, or packed by rain.

Surface weeds are entirely destroyed, while the crop, being planted deeper, is not disturbod, but its growth increased by the loosening and pulverization of the soil.

The Weeder is 7½ feet wide, and has 35 spring-steel teeth, which may be adjusted to stand straight or sloping, adapting it to all kinds of soil.

The use of the Weeder proves correct the theory that the more elastic the teeth, and the greater the vibratory motion, the better the result; and these qualities, contained in the Wiard far more than in any other, give it the highest efficiency for the work intended, and render it one of the most valuable labor-saving implements that can be placed on the farm.

THE "STAR"

R.F.D. Mail Boxes

Approved by Postmaster-General.

High Grade Boxes at Reasonable Prices, that will please both the dealer and user. No solder or rivets are used in their manufacture, all joints being made by special machinery, leaving seams smooth and sightly and without rough edges.

A Box that for the price has no Superior.

Made from Heavy Galvanized Steel.

No. 7, 98c. each.

No. 1. Plain Galvanized, 75c each

Are Rain, Dust and Wind Proof.

No. 5. Plain Galvanized, 89c each.

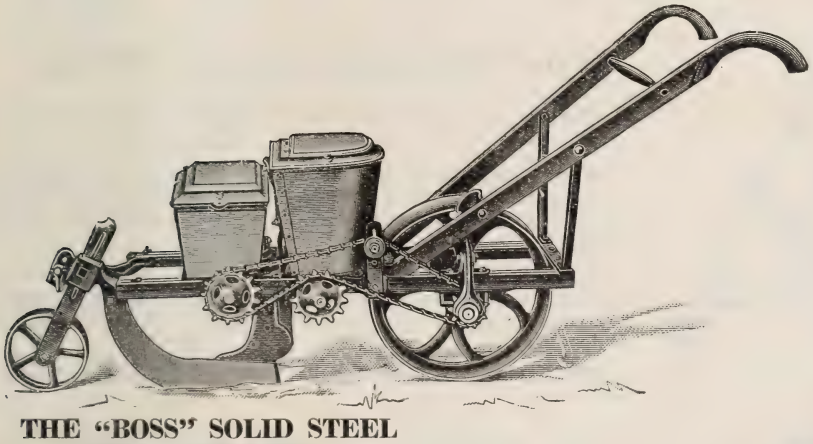
No. 7. Aluminum Bronzed, 98c each.

Strong, Sightly and every way Desirable

Mounted Grindstone

SOLID STEEL FRAME, WITH SEAL, $3,98.

This implement, though very simple in appearance, is the result of much study and many experiments; and it is as near perfect as can be attained and come within the reach of every farmer. The sale of several thousands during the past few years proves it a success.



FARMERS' FRIEND CORN PLANTER

with Fertilizer Attachment,

is the best implement on the market; is better known, has reached a larger sale, and given better satisfaction than any other Planter.
Write for circular.

Price, complete, with Fertilizer Attachment, $15.00.

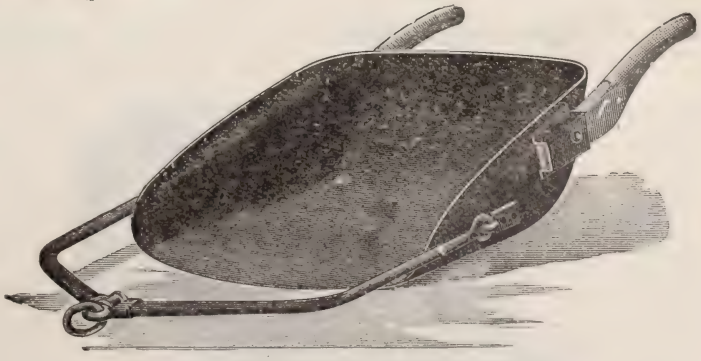
Price, plain, $12.50.

THE "BOSS" SOLID STEEL DRAG SCRAPER.

Pat. Nov. 4, 1897, and Mar. 24, 1885.

Best and Cheapest Scraper in the Market.

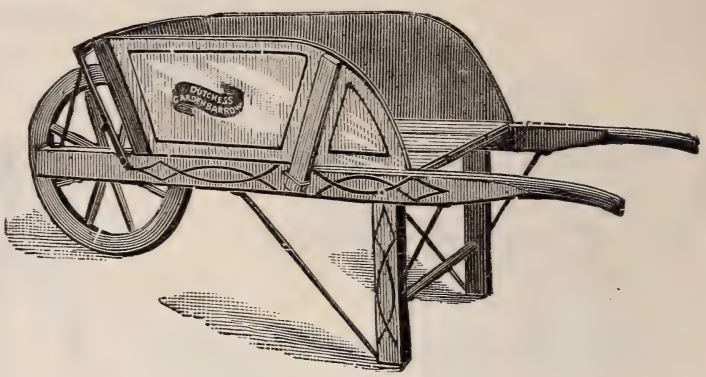
No. 1. Capacity 7 cubic feet....$7 00
No. 2. Capacity 5 cubic feet.... 6 50



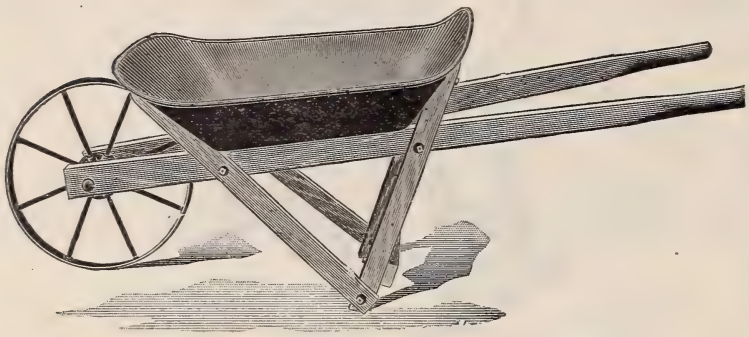
Nos. 1 and 2 Scrapers Without Runners.

These Scrapers are made from heavy plates of especially hardened steel, and are stamped from one sheet without joint, seam or rivet. They are superior to any other Drag Scraper upon the market, the "Columbus" Solid Steel Scraper alone excepted. The howl being made of thicker and harder steel, enables it to scour where no other Scraper will; and owing to the sharp, rounded nose, it will enter the ground more rapidly than any other make of Scraper. The Balls are steel, with perfect working swivels, and handles of hard wood. We will guarantee this Scraper in every particular. Made in three sizes.

Dutchess Bolted Garden Barrow



No. 2-B. Boys' size.....$2 50
No. 3-C. Medium size..... 3 00
No 4-D. Large size..... 3 50
No. 6-F. Extra Large size. 4 50

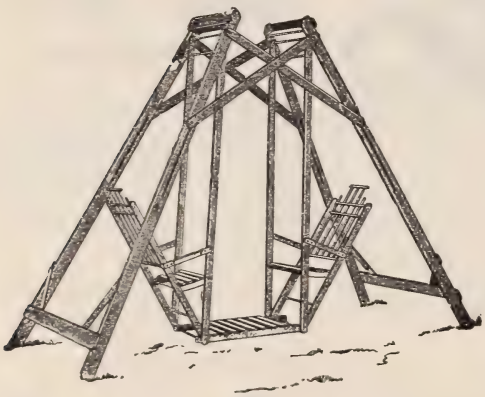


STEEL TRAY CANAL BARROW.

Price with Steel Wheel.....$3 75
Wooden Tray and Wooden Wheel, bolted..... 1 75
Wooden Tray and Steel Wheel, bolted 1 89

IRON TUBULAR BARROWS.

No. 4 ..... $6 50
No. 7 ..... 7 50
No. 2-D..... 10 00



Price $3.98.

The Fairfield Lawn Swing.

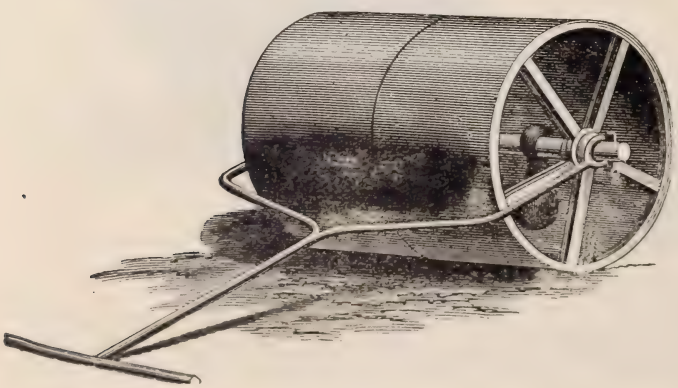
Easily leads all others in the market for the following reasons:

First: Because it is built upon the best mechanical principles—and thus combines the maximum of strength with the minimum of weight, and weds safety to durability.

Its notable lightness makes it easy to handle, while a scientific construction renders it remarkably easy to operate, and secures to it a peculiarly attractive and pleasing appearance.

'Tis "Fair" to claim that nothing now in the "field" equals the

"FAIRFIELD".....$3.98



GARDEN ROLLER.

With Weights to Keep Handle Erect.

	Each face		in. diam.	Weight about	Price.
2 Sections,	7½	by	15	200 lbs.....	$ 8 98
2 Sections,	10	by	20	250 lbs.....	10 98
1 Section,	20	by	20	250 lbs.....	12 00
3 Sections,	8	by	20	300 lbs.....	13 50
3 Sections,	10	by	20	350 lbs.....	18 00
2 Sections,	10	by	24	400 lbs.....	20 00
3 Sections,	10	by	24	500 lbs.....	25 00
3 Sections,	10	by	28	600 lbs.....	30 00

How to Destroy Plant Insects and Vermin.

USE THOMPSON'S

ROSE NICOTINE.

Most powerful Insect and Parasite Destroyer known. Guaranteed to kill all Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human Body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House Bugs or Vermin.

Prepared Spray or Powder will not injure nor discolor the most delicate Flower, Fabric or Wood Finish, and is harmless to Dogs, Fowls, Etc.

ROSE NICOTINE POWDER.

4 lbs. ..... **25c.**
10 lbs. ..... **50c.**
25 lbs. ..... **$1.00.**
Rose Nicotine Liquid, bottle **25c**
Rose Nicotine Fumigator, bottle **25c**

Double Ground Land Plaster, per 100 lb. bag ..... 50c.

White Hellebore. An excellent remedy against currant worms, rose slugs, caterpillars, etc. Can be used either dry or in water, 15c. per pound.

Whale Oil Soap. One of the most effective agents used for destroying scale bug, plant lice and all other insects injurious to vegetation. Price, 1 lb. box, 15c. 2 lb. box, 25c.

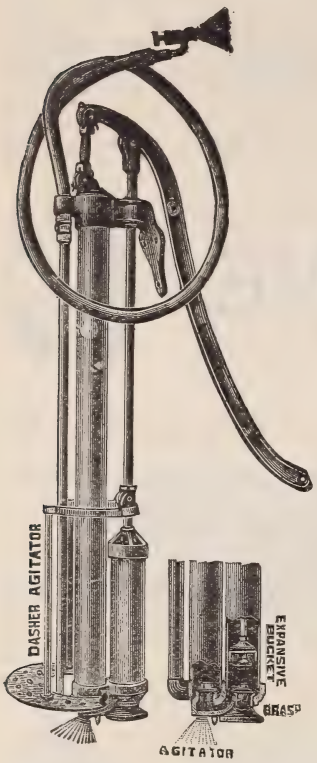
Standard Fly and Germ Killer. It is a thoroughly disinfectant and germicide. Protects horses and cows from the torture of flies. The Lightning Insect Exterminator No. 1 discharges the preparation in a fine, broad spray, without waste and using but very little. Fifty cows can be sprayed in a few moments, 50c. per gallon.

Horicum, the Great Scale Killer A remedy for the Scale that is the result of six years experiment before being put on the market. Nothing better in use for the purpose. One gallon will make 21 gallons for use. 35c. per quart; $1.00 per gallon.

Sulphur, Powdered. A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.

Hammond's Slug Shot is an insecticide for the destruction of Potato and Rose Bugs, and all Lice, Worms or Caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco and Cabbage plants, Tomatoes, Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering Plants. 5 lb. pkg., 25c.

Strictly Pure Paris Green. Market price.



Pump No. 25.

Price $6.98.

"Fruitall" Spray Pump.

"Fruitall" Spray Pump is made on the same general lines as the famous "Pomona;" it is, however, lighter and of smaller capacity. All working parts, including plunger, gland, valves, valve seats and strainer are made of bronze. Regularly fitted with wing agitator similar to one used on "Pomona," and which has proven to be the best type. Not made for side of barrel. Price, with hose complete, no barrel, $12.00.

"Premier" Brass Bucket Pump.

"Premier" is arranged with suction and discharge hose and spray nozzle. With this nozzle a solid stream may be thrown, or a fine spray. Pump has brass cylinder, plunger and rod. It is particularly adapted for washing windows and wagons, spraying plants in conservatories, green houses, etc. Its weight is only eight pounds.

Price, with 2½ feet ¾ inch suction and 3 feet ⅜ inch discharge hose, "Seneca" Spray Nozzle and Strainer, $5.98.

Lightning All Brass Spray Pump.

This spray pump is constructed entirely of brass, so it is not affected by the arsinates used for spraying fruit trees, etc. The operator is enabled to keep a constant pressure of 50 to 100 pounds at the nozzle with very ordinary exertion. Will throw a solid stream 50 feet, or make a fine spay by adjustment of the nozzle. When spraying, a fine jet at the bottom keeps the solution thoroughly stirred. Price $3.50.

Lightning Whitewash Sprayer.

Price $2.50.

Lightning Barrel Spray Pump No. 25.

This pump has great capacity, and will throw a continuous stream, or any sized spray desired, by the use of our graduating nozzle. The air is compressed into the air chamber, thereby giving an unbroken stream, and making it the most rapid spraying pump made. The agitator thoroughly stirs the liquids and prevents the same from settling. It is adapted for all kinds of spraying, whitewashing, etc. Price, $6.98. (See cut.)

"Lightning" Whitewash Sprayer.

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chamber and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc. Galvanized iron, $2.50; brass, $3.50. (See cut.)

Price $7.50.

Lightning Powder Duster.

This machine is adapted for distributing dry insecticides and fungicides such as Paris Green, Hellebore, Dry Bordeaux, Bug Death, Sulphur, Lime, Etc. Will spray anything in dry powder form, two rows at once as fast as the operator can walk. Price $6.98.

Champion Dry Powder Gun.

For applying dry Paris Green, Hellebore, etc., to plants and trees, the powder being evenly distributed over a wide space with the least possible waste. The quantity may be regulated as desired. Price $7.50.

Little Giant Dry Powder Gun.

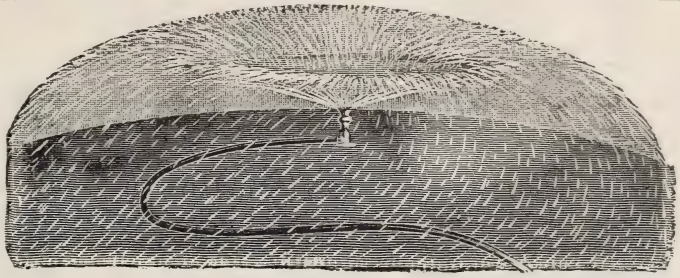
Made upon the same principles as the Champion, doing equally as good work, but of less capacity. Price $5.00.

"POMONA" SPRAY PUMP.

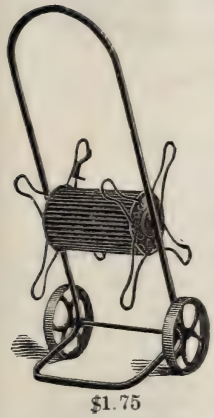
"Pomona" Spray Pump has great power and capacity. No leather packings. All working parts are bronze, including plunger, gland, valves, valve seats, &c. Plunger is outside packed. **Valves are easily accessible for examination.** Air chambers are steel. Powerful lever with adjustable stroke. Pump projects but little above the top of the barrel. Price with Barrel and Hose complete, $20.00.

Compressed Air Sprayer No. 21.—Made of heavy galvanized iron. and is provided with a safety valve to prevent over pressure, 3 feet of best hose with spring faucet and nozzle which will throw a fine mist like spray, or a continuous stream 30 feet high. It will spray ten acres of potatoes in a few hours, as it covers two rows at a time. Price, $3.98

Improved Double Tube "Lighting" Insect Exterminators.—The Double Tube Exterminators have thrice the capacity of any other other sprayer, covering a radius of 2½ feet, producing two large sprays with one operation. The reservoir filled with water and a teaspoonful of Paris Green is sufficient to kill 2,000 hills of potato bugs, which cannot be done with any other. No. 1 "Lightning" Tin Reservoir, 45c.; No. 20 "Lightning" Glass Reservoir. 75c



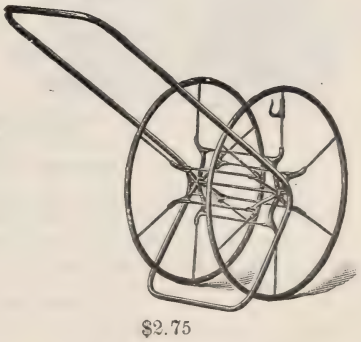
Water Witch.



$1.75

HOSE REELS.

No. 1. Hard Wood. for 50 feet hose..Price. $0 59
No. 2. Hard Wood, for 100 feet hose.Price. 1 00
No. 1. K. C. All metal Reel for 100 feet hose.....Price, 1 75
No. 1. All Metal Reel for 100 feet hose.Price, 2 75
The most durable Reels made; nothing to break or get out of order.



$2.75

All grades Garden Hose, from 8c. per foot.

Hose Nozzles, Hose Couplings, Hose Bands and Hose Menders for Repairing your old Hose.

The Sprinklers mentioned below can be attached to our Hose, for which purpose we supply Free one pair of couplings to every 25 or 50 feet of Hose purchased.

THE "WATER WITCH" LAWN SPRINKLER.

In constructing this device the main object was to produce a sprinkler that would scatter the water more evenly and over a larger area than would any other sprinkler. This purpose has been fully realized in the "Water Witch."

The water flows through the nozzle with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly scattering the water in fine drops and evenly over a circular area of twenty-five to forty feet diameter. No. 3. Price 48c.

Mayflower Lawn Sprinkler. A perfect revolving three-arm Sprinkler that will cover a space thirty to forty feet wide.....$0 89

Twin Comet Lawn Sprinkler. Covers greater area than any other Sprinkler made, height 17 inches; weight 6 pounds. Price 5 00

Tree Tubs. No. 1 Round..... 98
" " " 2 " 1 25
" " " 3 " 1 75
" " " 4 " 2 50
" " Small Square..... 98
" " Medium Sqnare..... 1 25
" " Large Square..... 1 50

Flower Pots. Finest quality machine made in sizes 2½ inches to 12 inches.

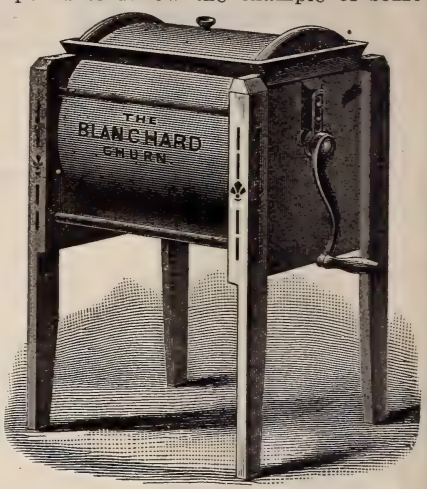
Indurated Fiber Rolling Stands for large flower pots and tree tubs.

Scollay Rubber Sprinklers, 50, 65 cents and $1.00.

Flower and Clothes Sprinklers. 35 cents. **Dahlia Poles,** 2, 3, 4, 5 and 6 feet.

THE BLANCHARD CHURN.

The body of the Churn being Cylindrical, all the cream is churned alike and at the same time making streak butter impossible. Those who desire to make butter on what is called the "granular system" can do it perfectly with the Blanchard Churn. If we were disposed to follow the example of some of our competitors, we could add page after page of "unsolicited" testimonials as to the accuracy of these claims; but we simply point to our past record and to the absolute guarantee under which all our sales are made.



Price List Family Sizes.

No.	Will Hold	Will Churn	Price
3	4 gals.	2 gals.	$4 50
4	8 gals.	4 gals.	5 25
5	16 gals.	8 gals.	5 98
6	24 gals.	12 gals.	7 50
*7	32 gals.	16 gals.	9 00

Pully for power, 14-inch diameter, 3-inch face, will fit any size Churn (instead of crank).....$1.50

*This size has crank on each end.

THE CYLINDER.

PRICE LIST.

No. 0	$1 75	No. 2	$2 50
No. 1.	2 00	No. 3	2 98
No. 4	$3 50		

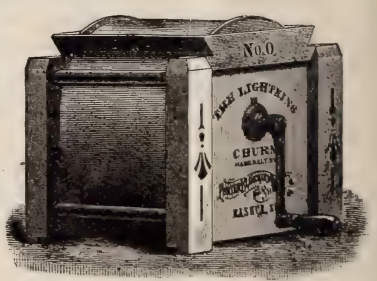
Superior in materials and workmanship. Made from specially selected stock and highly finished. Acknowledged the best Cylinder Churn on the Market.

For wholesale trade crated six in a crate.

THE LIGHTNING CHURN.

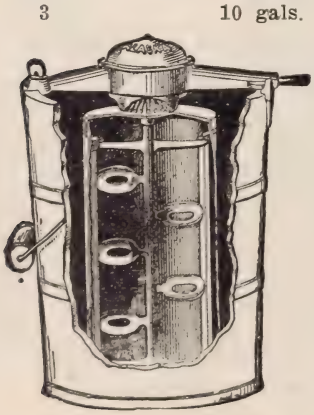
"GET THE BEST"

This has been made to supply the demand for a small cheap Churn. It is strong and durable, with no parts to get out of order. It has a double dashey, and will churn quickly if desired. They are made in four sizes, and are packed and shipped with two of each in a crate.



Sizes and Prices.

No.	Will Hold	Will Churn	Price
0	4 gals.	2 gals.	$2 25
1	6 gals.	3 gals.	2 75
2	8 gals.	4 gals.	3 25
3	10 gals.	5 gals.	3 75



We also carry in stock DASH CHURNS, in all sizes.

YOUR ESPECIAL ATTENTION IS CALLED TO THE

ALASKA ICE CREAM FREEZER

Aerating Spoon Dasher. Dou ble Wood Scraper. Novel Ice Guard.

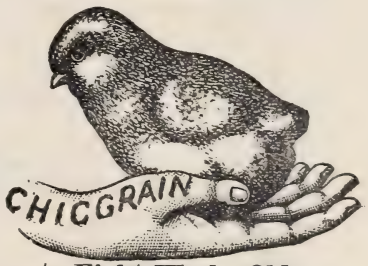
Every Machine Guaranteed. Perfection. Made in following sizes.

	1	2	3	4	6	8	10	12	15	20 qt
Price....	$1.50	$1.75	$1.98	$2.39	$3.48	$4.48	$5.75	$6.98	$8.00	$11.75

High-Grade POULTRY and .... PIGEON SUPPLIES

Our Poultry foods are all manufactured from sound and wholesome grains and seeds. No waste by-products or inferior material of any kind are used in their manufacture. The **Best** Poultry supplies are really the cheapest, the best suited for the taste, the best calculated to bring you success. In no line of work is this more true than in poultry raising.

CHICK STARTER.



A Primary Food for Chicks up to Three Weeks Old.

A high grade mixture of sweet, sound recleaned cracked grains and seeds so proportioned to the needs of the growing chick that it will be fully nourished. Similar to Chick Food, but graded smaller.

50 lb. Bag at $1.50. 100 lb. Bag at $2.50.

Crescent Chick Food.—A Complete Chick Food up to Eight Weeks Old.

Crescent Chick Food is a mixture of many different grains and seeds, best adapted to chick feeding, always ready, no waste no dirt, the product of flesh and muscle forming element, is maintained to a high degree to supply the needs of the rapidly growing bird.

50 lb. Bag at $1.50. 100 lb. Bag at $2.50.

Developing Food.

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broad cast.

50 lb. Bag at $1.50. 100 lb. Bag at $2.50.

Queen Poultry Mash.

A carefully selected mixture of ground feed made from the choicest sound, sweet and wholesome grain. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth o fthe fowl and especiall yfor the production of eggs.

50 lb. Bag at $1.50. 100 lb. Bag at $2.50.

Laying Food.

A ground food ready for the mash made up of carefully selected materials that will greatly increase the production of eggs. The use of this food would greatly increase the profits of the poultry raised and cannot be too highly recommended. **50 lb. Bag at $1.15. 100 lb. Bag at $2.00.**

Scratch Food.—For Grown Fowls, Suitable at all Seasons.

A carefully selected and mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon, late in the afternoon feed all the mash food they will clean up. **50 lb. Bag at $1.15. 100 lb. Bag at $2.00.**

Beef Scrap.—Standard Meat Food for Poultry of all Ages.

High Protien Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer Poor Beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source. **100 lb. Bag at $3.00.**

Pigeon Food.

A properly balanced mixture of a number of grains and seeds so proportioned as to keep the old birds in good condition and help the young ones grow strong and healthy. Nothing but the highest quality of grains and seeds are used. There is no waste to our Pigeon Food. The birds eat it up cleanly. Prices, 50 lb. bag, $1.50; 100 lb. bag, $2.50.

Charcoal.

Prepared expressly for Poultry ,absolutely pure, essential to Health of Fowls and aids to digestion.
1 lb., 5c.; 5lbs., 20c.; 10 lbs., 30c.; 25 lbs,, 63c.

Ground Bone. Fine and Granulated.

Ground Bone is made from the Dry Bone and contains Phosphates, Lime and Protien and is especially valuable as an egg shell producer. 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 63c.; 100 lbs., $2.75

Cut Alfalfa Clover.

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. When fed it should be scattered and left for the fowls to eat at will. 5 lbs., 20c.; 10 lbs., 35c.; 25 lbs., 75c.; 50 lbs., $1.25.

Alfalfa Meal.

Mealed Alfalfa is a boon to poultrymen. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.
5 lbs. 20c.; 10 lbs., 35c.; 25 lbs., 75c.; 50 lbs., $1.25.

Cut Red Clover.

Cut Red Clover used same as cut Alfalfa, and is regarded by some as of similar value.
5 lbs., 20c; 10 lbs., 35c; 25 lbs. ,75c; 50 lbs., $1.00

Crushed Oyster Shells.

It is needless for us to enlarge on the value of Oyster shells for poultry. Every poultryman realizes their importance as an egg shell maker and general promoter of good health. 100 lb. bag, 50 cents.

Crystal Grit.

We supply 4 sizes of Grit. No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese. 100 lb. Bag, 75 cents.

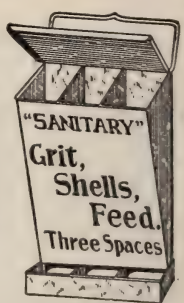
Seeds and Grains.

We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kafir Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

Price 75c.

Grit and Shell Box.

Sanitary Grit and Shell boxes make a material saving on Grit and Oyster Shells, Ground Bone, Charcoal or Poultry Foods. They are thoroughly practical self feeding boxes made out of heavy galvanized iron. 50 cents each.



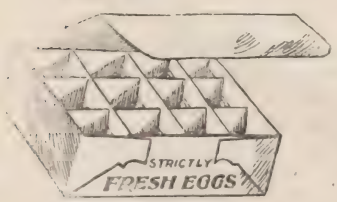
Price 50c.

Sanitary Dry Food Box.

Dry Food Hopper is a practical labor and food saving device for feeding dry grain food, whole or ground.
75 cents each.

Stone Poultry Fountains.

.1 qt., 20c.; 2 qt., 25c.; 4 qt., 30c.; 8 qt., 35c;



Galvanized Iron Drinking Fountains.

IN ASSORTED SIZES AND STYLES.

Paper Egg Boxes.

Just the thing for your family egg trade, they ship knocked down, can easily be set up. 1 dozen, size C 25c. dozen; 90c per 100, in 1,000 lots, write for price.

Wood Egg Boxes.

We carry a good wood box of good pine stock and Egg Spring Holders. Best thing made for shipping. Write for price.

Porcelain Nest Eggs.

These eggs are made of first-class flint and do not break easily and will last indefinitely.
Price 3 cents each; 2 for 5 cents.

Rust's Egg Producer

So exact are the proportions of Rust's Egg Producer that everything therein is utilized by fowls and nothing goes to waste. This makes it the most economical as well as the most perfect producer of eggs known. Its cost being only one cent every 2 or 3 weeks and this when fed every day.

DON'T BLAME THE HEN.
USE RUST'S EGG PRODUCER.

1 lb. box 25c., 2 1-2 lb box 50c., 6 lb box $1.00, 10 lb box $1.50, 25 lb. box $3.50.

Rust—Haven's Condition Powder.

Prevents and cures Gapes, Fowl Cholera, Diarrhoea, Indigestion, Leg Weakness, Catarrh, and other diseases of fowls It is a dead Shot for Gapes and Poultry Cholera if directions are followed.
13 oz, 25c. 32 oz. 50c., 5 lb. box $1.00. 8 lb. box $1.50, 20 lb. box $3.50.

Soluble Roup Cure.

This is one of the newest and best cures on the market, it is dissolved in water and can easily be given to the fowls, it is also a good preventitive and has had a very rapid sale so far. 25c a package.

Roup Pills.

These Pills are wonderfully effective in Roup, Catarrh, Distemper, Pigeon Diseases, etc. Price, 25 cents.

Lice Powder.

RUST'S AND LAMBERT'S.

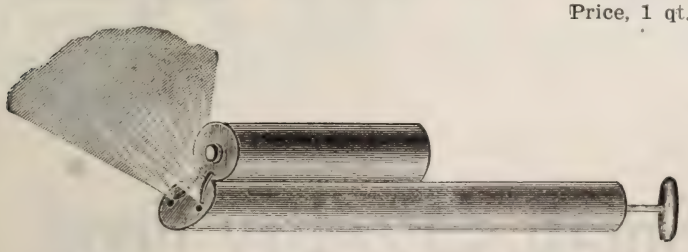
Recommended by Poultry Editors, Judges and Breeders everywhere, will not hurt the fowls or affect the flavor of the eggs when dusted with it.
6 oz. Pkge 10c., 16 oz. Pkge 25c., 48 oz. Pkge 50c.

Rose Nicotine Lice Powder.

This Lice Powder is powdered tobacco, containing a definite amount of Nicotine, making it the most powerful Insect and postive destroyer known. Use as you would any Lice Powder by dusting on feathers and around hen house. 1 lb. 10c., 4 lb. Pkg. 25c., 10 lbs. 50c., 25 lbs. $1.00.

Liquid Lice Killer.

This is a highly concentrated preparation containing no kerosene or other inflamable ingredients. It is wonderfully efficacious and its effects are so lasting that it does not have to be used so often as many preparations, making it more satisfactory and more economical.
Price, 1 qt. can 35c., 2 qt. can 60c., 4 qt. can $1.00.



Lightning Sprayer for Spraying Liquid Lice Killer

It discharges the preparation in a very fine spray without waste and uses very little. Price, each 45 cents

Pure Sulphur Fumigating Candle.

Pure Sulphur Fumigating Candles are easy to light, easy to extinguish, safe to use and produce a vapor deadly to all infectious diseases, desease germs and insect life.

If you want to kill disease germs in your dwelling—lice, mites and disease germs in your poultry house, light one of these little candles and close up the house or room tight for three or four hours. Be careful to remove all the fowls from the house, or they will suffocate. 8c and 10c each.

Bowker's Animal Meal.

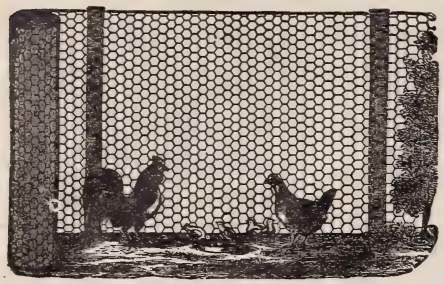
A finely ground combination of meat, blood and bone, making a valuable feed for poultry in cold weather. Prices, 25 lbs., 75c; 50 lbs., $1.35; 100 lbs., $2.50.

French Poultry Killing Knife.

Made of finely tempered instrument steel with nickle handle and will last a life time, 50 cents each.

Cyphers Incubator Thermometers.

Many hatches in incubators fail because of inferior thermometers, and large numbers of chickens are lost or burned by defective and worthless thermometers. We recommend the above as the best on the market for the price. Price 50c. each.



Prices on Application.

Poultry Netting.

Wire 2 inch Mesh.	No. 20 Wire 1 inch.
1 foot	1 foot
2 feet	2 feet
2 1-2 feet	2 1-2 feet
3 feet	3 feet
4 feet	4 feet
5 feet	
6 feet	

Market Price.

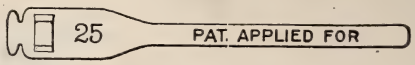
Wire Chicken Nests.

These nests are strongly made from heavy Japanned steel wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgement of lice or vermin of any kind easy to keep clean and far superior to wooden boxes. Price each, 15c.; per dozen, $1.50.

Earthen Pigeon Nests.

Should be used by every pigeon fancier. Made of red clay, with heavy bottom to prevent upsetting. Size, about 9 inches in diameter. Prices, each 10c.; 12 for $1.00.

Improved Champion Leg Bands—Aluminum.



This is a well known band, is one of the best on the market, is light and strong, being held by a double lock, is impossible to come off. 15c per dozen; 80c per 100.

Bands for Marking Pigeons.

Seamless bands are made of Aluminum; open bands are made of German Silver. Four numbers or initials can be stamped on each band. For Homers and similar sized breeds: **Each 3c., 12 for 25c.; 100 for $1.50.**

No. 2.—For Muffled Leg Tumblers and similar sized breeds. **Each 3c.; 12 for 25c.; 100 for $1.50.**

Spratt's Dog Cakes.

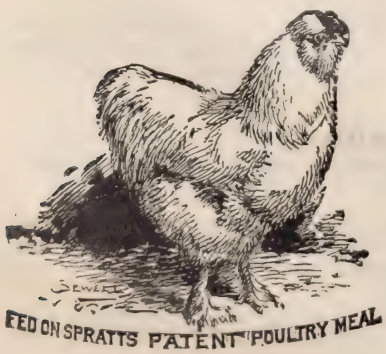
We are general agents for Spratt's Patent in this section of the county and can give the most satisfactory prices for same. The Dog Cakes are too well known to need any description and should be used by everyone who owns a dog.

7c. lb., 100 lbs., $5.50.

Spratt's Puppy Cakes.

Spratt's Puppy Cakes are as well known as the Dog Cakes, and should be fed exclusively to young dogs and puppies, with most beneficial results.

8c. lb. 100 lbs. $6.50.



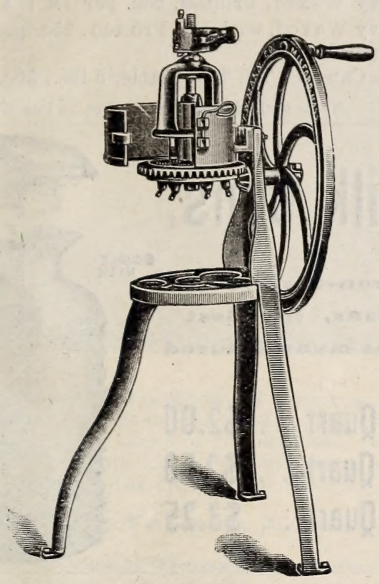
Spratt's Poultry Food.

A specially prepared and highly nutritious food, used at all the principal shows, all over the world. The most successful food for all kinds of poultry.

One lb. 10c., 25 lbs, at 7c., 100 lbs., $6.00.

Tar Roofing Paper.

This paper is manufactured by a reliable manufacturer, is water tight durable, strong, impervious to air and is not affected by heat or cold. 2 Ply Roll 75c. 3 Ply Roll 98c. Nails and Tins for above.



No. 7 Mann.

Mann's Pat. Bone Cutters.

Are absolutely the best Bone Cutters ever sold to the public and they are by far the most successful Hand and Power Machine on the Market today for cutting green bones.

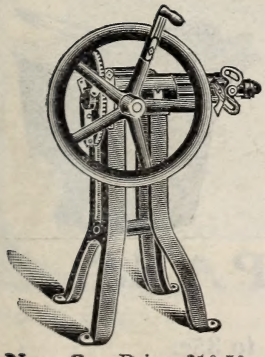
No. 5 B $8.00. No. 5 BM with Legs, $10.50, No. 7 with legs, $12.00.

Whitewash Sprayer.

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves. Large air chamber and ball valves, the pressure maintains a continuous stream or spray, not affected by the upward strokes.

Galvanized Iron, $2.50. Brass, $3.00.

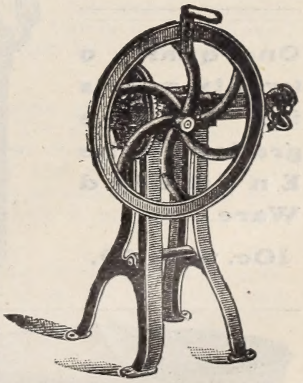
Standard Green Bone Cutter.



No. 8 Price $10.50

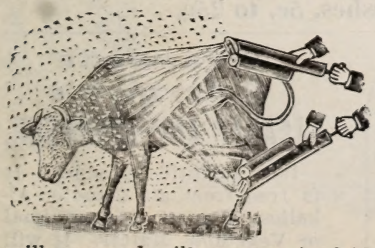
The Standard Automatic Feeding and Automatic Stop Green Bone Cutters are the only machines manufactured that will do the work properly, easily, scientifically. They save time and labor over all other machines. They supply the bone cut in the very best size and shape, to be assimilated by the fowl.

Our patent, positive automatic feed is so constructed that the product will be cut fine enough for chickens. This valuable device relieves the operator of all responsibility, allows him the use of both hands and permits him to devote his entire attention to the operation of the machine. Our patent, automatic stop releases the feed screw when the bone in the cylinders is all cut, unlocks and withdraws the feed pressure, and the machine may still continue in operation without injury.



No. 3. Price $17.75

Standard Fly and Germ Killer.



Protects Cows and Horses from the torture of flies. It is a comfort to Cows and milkmen and will cause a tenfold increase in the amount of milk. It is a liquid preparation designed for keeping flies from stock and is perfectly harmless. Put up in one gallon jugs, 50c. per gallon.

For applying the above use

The Lightning Insect Exterminator.

which discharges the preparation in a firm, broad spray, without waste and using but very little. Fifty cows can be sprayed in a few minutes, producing instant relief. One application in the morning and one in the evening will keep your cows and horses in perfect comfort and good condition. **Price of Exterminator, 45c.**

DAIRY AND MILKMEN SUPPLIES.

We wish to call your attention to our most complete line of DAIRY and MILKMEN SUPPL
Our assortment is the largest and the prices the most reasonable in this section of the State. We
with append a partial list with prices attached.

CLIMAX TIN TOP

Milk Bottles

No. 2 Common Sense.

1 Quart.	1 Pint.	½ Pint.
75c. doz.	**60c. doz.**	**50c. doz.**
$7.50	**$5.50**	**$5.00**
Gross.	Gross.	Gross.

In 5 gross lots we quote lower prices. Name blown on bottles Free in one gross lots.

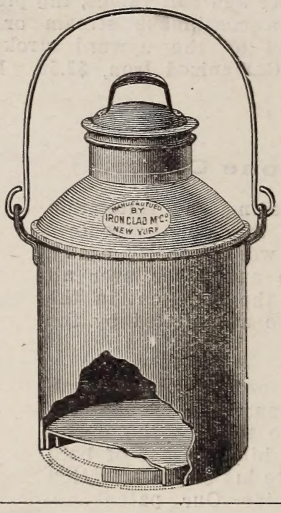
Milk Bottle Boxes.

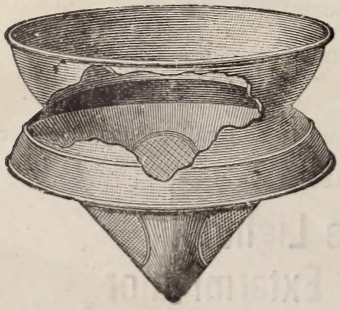
1 Quart Size hold 12 bottles, with cover.....89c
1 Quart Size hold 12 bottles, without cover ..65c
1 Pint Size hold 24 bottles, with cover.....$1.25

MILK PAILS

One quart o twenty quarts in three grades of the Enameled Ware.

10c. to $1.50.





Milk Can Strainers.

Tuthill's, $1.00

Milk Skimmers, 5 cents

Dairy Thermometers,

15 cents each.

Lactometers.

Approved by the N. Y. Board of Health, to test the Quality of Milk. 50c each.

Milk Caps.

Heavy Waxed, Printed, 25c. per 1M.; $1.10 pe
Heavy Waxed, with Lip Printed, 25c. per 1M.; per 5M.
Thin Caps for Tin-Top Bottle, 5 lbs., 50c.

Name and address printed Free on lots of 50M.

Milk Cans.

Iron-Clad Milk Cans, the Best cans manufactured

20 Quart . . $2.00
30 Quart . . $2.50
40 Quart . . $3.25

Milk Bottle Carriers.

6-1 Quart Bottles .....
8-1 Quart Bottles.....
In Galvanized Iron or Wire.

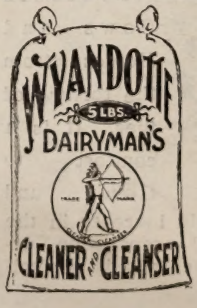
DAIRY PAILS.

With Strainers, 25c. to 95c.

Without Strainers, 25c. to 45c.

MILK PANS.

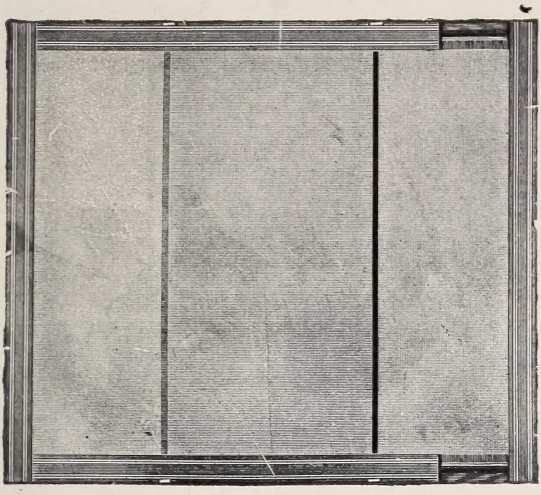
Tin, 10c. to 15c.
Enameled Ware, 15c. to 35c.
Long Handle Measure for Milk C 1 pint, 15c.; 1 quart, 18c.
Milk Bottle Brushes, 10c. to 25c.
Milk Can Brushes, 5c. to 25c.

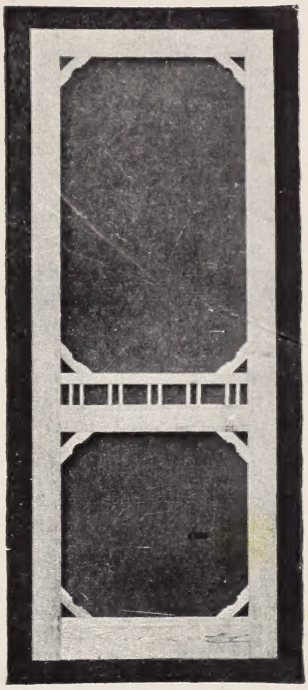


Wyandotte Dairymen's CLEANER AND CLEANS

Is a scientific product is free from all Caustic kalies, Grease, Oils, Ar or Vegetable Matter. It sweeten and purify all out harm or injury.
5 lb. Bag .....

Window Screens and Screen Doors.

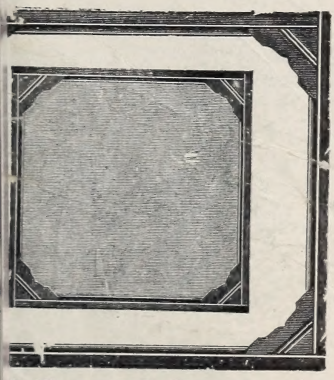




er Flyer Window Screens. These are a great improvement upon the ordinary adjustable screens, having a strip of .eel on the inner edges of the sections, thus keeping them close together, whether opened to widest extent or only part the way, absolutely preventing the entrance of insects.

low Screen Frames, 25 cents up.

Fancy Screen Doors are handsome in design, being the result of study and combination. Without being overloaded with ornament, they are always pleasing to persons of correct taste. They re strongly and carefully made from selected materials, glued together with the long corrugated owels. 89 cents up.



Sherwood All-Metal Screen. A great improvement over wooden-frame Window Screens All metal securely locked, preventing any sagging of wire. Can be used as adjustable or stationary screen—adjustment can be quickly made. 50 cents each.

Vudor Porch Screens. They protect you from the sun, but the breeze passes through them. You see but you are not seen. They will last for years, but are cheap in price. They can be raised and lowered instantly and will remain at any point. It does not require a carpenter or awning man to put them up. You or your man can put them in position in a few minutes.

Tents. We handle a line of Tents suitable for all purposes, made of Army duck, plain white and assorted stripes, from 5x5 feet upwards in size, complete with center pole and all attachments. Prices from $4.50 up.

l Framed Screen · from 10 cents up.

A. F. ROWWANNA
WITH VALANCE.
PALMER'S PATENT.
Palmer's adjustable Single Hold Hook Pat. ap'l'd for.
As used with Palmer's adjustable Single Hitch Ring Pat. Apr 26, 1886.

Cut No. 1234—O V.

Valance Patented May 21, 1889.

mocks and Hammock Accessories. Our line of Hammocks this season is the most xtensive we have ever shown. Prices ranging from 59 cents to $6.98 each.